

# **ASBESTOS ASSESSMENT REPORT**

**Veterans Administration Medical Center  
Buildings: 1, 8, and 20  
Miles City, Montana**

Prepared For:



Department of Veterans Affairs

Mr. Rob Dunn – Facilities Director  
VA Montana Healthcare System  
1892 Williams Street  
PO Box 187  
Fort Harrison, MT 59636

Prepared By:



**INDUSTRIAL HYGIENE  
& ENVIRONMENTAL**

**CTA Construction & Environmental, LLC**

219 Second Avenue South  
Great Falls, Montana 59405  
(406) 452-3321 office  
(406) 454-1873 fax  
[www.ctagroup.com](http://www.ctagroup.com)

CTA Construction & Environmental, LLC, Project No.: GFIHENV10059

March 21, 2011

## TABLE OF CONTENTS

1.0	EXECUTIVE SUMMARY .....	1
2.0	INTRODUCTION.....	3
2.1	Purpose .....	3
2.2	Scope of Work.....	3
3.0	SITE DESCRIPTION.....	4
3.1	Building 1 .....	4
3.2	Building 8 .....	4
3.3	Building 20 .....	4
4.0	REGULATORY CONSIDERATIONS .....	6
5.0	METHODS .....	8
6.0	RESULTS.....	9
6.1	Building 1 .....	9
6.2	Building 8 .....	10
6.3	Building 20 .....	11
7.0	RECOMMENDATIONS.....	12
8.0	ABATEMENT COST ANALYSIS.....	13
9.0	LIMITATIONS.....	14

## APPENDICES

- Appendix A – Documentation of Accreditation
- Appendix B – Figures
- Appendix C – Data Tables
- Appendix D – Laboratory Analytical Results

## 1.0 EXECUTIVE SUMMARY

CTA Construction & Environmental, LLC (CTA), conducted an asbestos assessment for the Department of Veterans Affairs (VA) at the Veterans Administration Medical Center located in Miles City, Montana (hereafter, the site). The assessment was initiated during the week of September 27, 2010, with on-site work completed by October 21, 2010. The assessment was performed for the following connected buildings: Building 1 (Hospital facility); Building 8 (Chapel); and, Building 20 (Physical Therapy/Laundry); hereafter, referenced by building number only.

The asbestos assessment was completed on behalf of the VA in general accordance with CTA's Work Order GFIHENV10059, dated September 21, 2010. The VA assigned Contract Number VA259-P-0908 and Obligation Number 436-C00657 for this project in their *Acceptance and Award* letter issued to CTA on September 21, 2010, by Mr. Terry Hannigan (Contracting Officer).

Asbestos-containing materials (ACM) were identified in all three (3) aforementioned buildings, as outlined in greater detail in the following sections.

Building 1 contains 30 homogeneous areas (HAs) of ACM, including: three (3) HAs of thermal system insulation (TSI); 18 HAs of vinyl-composed resilient flooring and/or associated ACM mastics; eight (8) HAs of miscellaneous materials, ranging from mastics used to adhere ceiling tiles to walls, to transite panels used as shelving and countertops; and, one (1) HA of surfacing material (i.e. popcorn surfacing on some ceilings and walls). Of this, the in-place conditions of the materials were friable for the three (3) HAs of thermal system insulation (TSI) and the single (1) HA of surfacing material (i.e. popcorn surfacing on some ceilings and walls). Some areas of TSI were damaged throughout the building in its current condition (as noted on each building and floors diagram). The remainder of the asbestos-containing building materials were non-friable in their current condition. Some areas of resilient flooring were damaged; however were managed in-place to prevent fiber loss (i.e. sealed along the edges and/or encased in wax). Please note that all materials would become Regulated Asbestos-Containing Materials (RACM) when they are impacted in Montana; this is true for all HAs of asbestos-containing materials.

Building 8 contains three (3) HAs of vinyl-composed resilient flooring materials, while associated mastics and all other sampled materials were determined to be non-ACM. All three (3) HAs were non-friable in-place.

Building 20 contains nine (9) HAs of ACM including: eight (8) HAs of vinyl-composed resilient flooring and/or associated ACM mastics; and, one (1) HA of miscellaneous material (i.e. black undercoating on sinks). All nine (9) HAs were non-friable in-place.

Disturbance of these ACM during renovation or demolition activities will likely render them friable, making them regulated asbestos-containing materials (RACM) as defined by the Montana Department of Environmental Quality (DEQ) and the Environmental Protection Agency (EPA). The removal, transport, and disposal of RACM are regulated by the DEQ, the EPA, and/or the Occupational Safety and Health Administration (OSHA), as described in this report.

These materials should be properly removed by a Montana-accredited asbestos abatement contractor and disposed of at a Montana-licensed Class II landfill prior to initiation of renovation or demolition activities, which may impact those materials.

In addition to confirmed ACM, Building 1 also contains approximately ten (10) sinks with black undercoating which contain detectable concentrations of asbestos. Although the concentrations are below the DEQ regulatory criterion of 1% by volume, removal of these materials must be completed in accordance with OSHA regulations, including worker awareness training and exposure monitoring. These materials may be disposed of as general construction debris at a Montana-licensed Class IV landfill.

Multiple styles of fire-rated doors were observed throughout all three site buildings, most of which were in good condition. Two (2) doors did show signs of damage, with white insulation materials exposed on the lower portions of the doors to Rooms 100 and 115 of Building 1. CTA sampled the material from the aforementioned doors and submitted them for analysis. Analytical data indicated material samples from these two doors did not contain asbestos, meaning they pose no immediate asbestos exposure hazard. However, the other various styles of fire doors identified throughout the building must be assumed to contain RACM unless sampling and analysis determine otherwise.

## 2.0 INTRODUCTION

On September 21, 2010, the VA requested CTA perform an asbestos assessment for three (3) connected buildings (i.e. Buildings 1, 8, and 20). At the request of the VA, the assessment included all interior and exterior materials suspected to contain asbestos, with exception of the recently installed membrane roofing system and any other roofing materials potentially covered by the membrane system.

The VA provided CTA a copy of their *Asbestos Re-Inspection Report*, dated March 7, 2008, performed by Tetra Tech, Inc., which assessed only Buildings 1 and 20. CTA understands that this and other supplemental materials were provided to be used by CTA as a resource for our assessment, though the findings of previous inspection reports were not to be considered definitive. With this in mind, CTA performed a full assessment on all three site buildings.

### 2.1 Purpose

The goal of the assessment was to identify and quantify HAs of ACM associated with the three specified buildings. Such materials must be removed from the buildings and properly disposed prior to renovation and/or demolition activities which may impact those materials in order to comply with current local, state, and federal regulations, and to prevent negative impacts to workers, occupants, and the environment.

### 2.2 Scope of Work

Based on our understanding of the project objectives, CTA's asbestos assessment was to include the following three (3) tasks: full asbestos inspection of all specified site buildings, excluding exterior roofing materials; labeling of all ACM located within ceiling plenum spaces (i.e. TSI); and, report preparation. As part of the report preparation, CTA was to provide the VA with projected total costs for the abatement of ACM and for project oversight and clearance monitoring.

## **3.0 SITE DESCRIPTION**

The structures included in the assessment were Buildings 1, 8, and 20. Descriptions of these buildings, based on information provided by the VA and observations made in the field during our assessment; are presented in the following sections.

### **3.1 Building 1**

Building 1, the main hospital facility was reportedly constructed in 1948. The building is a four-story structure with a full crawlspace. The building exterior is predominantly finished with a brick facade and exhibits a recently installed ethylene propylene diene terpolymer (EPDM) membrane roofing system over an existing asphalt built-up roof. Interior floor finishes generally include: vinyl floor tile, sheet vinyl, terrazzo, ceramic tile, mastic-applied carpets, or concrete. Other interior wall and ceiling finishes generally include brick, plaster, gypsum wallboard (GWB), concrete, concrete masonry unit (CMU) blocks, several styles of 2-foot by 4-foot and 2-foot by 2-foot acoustical ceiling tiles, and a variety of other miscellaneous materials.

Building 1 has reportedly undergone several partial interior renovations, including a more extensive renovation of the west wing on the Fourth Floor, now occupied by Victory Insurance. Keith Brownsfield of Victory Insurance reported to CTA that a majority of the original ACM floor tiles were left in place during remodeling activities in the area.

Some of the materials identified in the Tetra Tech re-inspection report have been removed from areas which have undergone interior renovations, while others have been covered over or enclosed by renovation activities. Specifically, asbestos-containing TSI has been removed from the crawl space and portions of the First Floor occupied spaces and was replaced with non-ACM fiberglass insulation. However, asbestos-containing TSI in pipe chases on other floors and in the interstitial floor to floor cavities remains unabated.

### **3.2 Building 8**

Building 8 is the chapel and auditorium facility and was reportedly constructed in 1948 as a structure separate from Building 1. The building exterior is finished with a brick facade and includes a partial Second Floor, a partial Basement, and a partial, "U"-shaped crawlspace. Interior floor finishes generally include: vinyl floor tile, sheet vinyl, terrazzo, ceramic tile, mastic-applied carpets, and concrete. Other interior wall and ceiling finishes generally include brick, plaster, GWB, concrete, CMU blocks, several styles of 2-foot by 4-foot and 2-foot by 2-foot acoustical ceiling tiles, and a variety of other miscellaneous materials.

### **3.3 Building 20**

Building 20, the physical therapy and laundry facility, was reportedly constructed in 1976, joining Buildings 1 and 8. Building 20 is a single-story structure with a slab-on-grade foundation. Interior floor finishes generally include: vinyl floor tile, sheet vinyl, mastic-applied carpets, and concrete. Other interior wall and ceiling finishes generally include brick, plaster, GWB, concrete, CMU blocks, several styles of 2-foot by 4-foot and 2-foot by 2-foot acoustical ceiling tiles, and a variety of other miscellaneous materials.

A portion of the crawlspace beneath Building 8 follows the corridor denoted as Room 5S of Building 20. For purposes of this report and project, this crawlspace was incorporated into the assessment of Building 8.

## 4.0 REGULATORY CONSIDERATIONS

CTA presents the following regulatory considerations pertaining to asbestos. CTA's sampling methods and recommendations are based on applicable regulatory requirements for asbestos.

The DEQ defines ACM as material containing more than one percent (1%) asbestos based on laboratory analysis of the material using the EPA Method 600/R-93/116 ("Method for the Determination of Asbestos in Bulk Building Materials") by Polarized Light Microscopy (PLM). Three categories of ACM have been defined in the National Emissions Standards for Hazardous Air Pollutants (NESHAP) standard, which is established in Title 40, Part 61, of the Code of Federal Regulations (40 CFR 61.141) and adopted by the DEQ in Title 17, Chapter 74, Subchapter 3 of the Administrative Rules of Montana (ARM 17.74.351). The NESHAP category definitions are as follows:

- **Category I Non-friable ACM** mean asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than one (1) percent (%) asbestos as determined using the method specified in appendix E, subpart E, 40 CFR 763, section 1 (Polarized Light Microscopy (PLM)).
- **Category II Non-friable ACM** means any material, excluding Category I Non-friable ACM, containing more than 1% asbestos as determined using the method specified in appendix E, subpart E, 40 CFR 763, section 1, PLM that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.
- **Regulated ACM (RACM)** means a) friable asbestos material; b) Category I Non-friable ACM that has become friable; c) Category I Non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading; or d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by the subpart.

CTA interprets the definition of RACM to include all ACM inside a structure or space which will be impacted by renovation and/or demolition activities. In other words, even non-friable Category I and Category II ACM will become RACM when included in a demolition or renovation activity.

An "asbestos project," as defined by Montana Code Annotated (MCA) 75-2-502, *means the encapsulation, enclosure, removal, repair, renovation, placement in new construction, demolition of asbestos in a building or other structure, or the transportation or disposal of asbestos-containing waste.* Based on DEQ correspondence and CTA's understanding of DEQ's interpretation of the MCA, removal of ACM outside a building or structure does not constitute an asbestos project; however, transport and/or disposal of the removed ACM does constitute an asbestos project. A NESHAP permit application must be completed and submitted to the DEQ at least 10 days prior to the scheduled project. The project must be conducted by personnel holding current Montana accreditation as Asbestos Contractor/Supervisors and/or Asbestos Workers, and must be designed by an accredited Asbestos Project Designer.

An ACM abatement project is not considered complete until the project area (i.e. containment) has passed final visual and air clearance monitoring. Clearance air monitoring must be completed for all abatement projects except where demolition will commence immediately following completion of abatement and successful passing of a final visual clearance.

## 5.0 METHODS

CTA performed a full asbestos assessment of Buildings 1, 8, and 20 at the site in Miles City, Montana. The assessment was completed in accordance with the requirements of the Montana DEQ Asbestos Control Program as established in ARM 17.74.354. Methods employed for the assessment are explained in greater detail in the following sections.

The scope of CTA's asbestos assessment included the identification, collection, and analysis of material samples of interior and exterior suspect ACM (excluding exterior roofing materials), which may be impacted by future renovation or demolition activities at the site. Each sample collection point was documented in the field on VA-supplied diagrams. In addition to the collection and analysis of suspect ACM materials, CTA observed the presence and/or absence of asbestos-containing TSI throughout all accessible ceiling plenum spaces in order to more precisely quantify those materials. If applicable, CTA tried to collect material samples from areas exhibiting materials previously damaged. When no previously-damaged materials were observed, CTA sampled materials from visually-discrete locations, making minor repairs (e.g. application of caulk) when necessary. It is important to note that some rooms were not labeled in VA drawings; therefore, CTA applied arbitrary room designations to those rooms in the field during the assessment.

In addition to complying with the regulations cited above, CTA's sampling methods generally conformed to the requirements set forth in the Asbestos Hazard Emergency Response Act (AHERA) as outlined in 40 CFR 763.86; the AHERA sampling methods are generally accepted as the industry standard for asbestos inspections. CTA's asbestos inspection was performed by members of our industrial hygiene staff holding current DEQ accreditation as Asbestos Inspectors. Documentation of our inspectors' DEQ accreditation is presented as Appendix A, and site figures depicting sampling locations for suspect ACM from Buildings 1 (first through fourth floors), 8, and 20 are presented as Appendix B (Figures: 1-1, 1-2, 1-3, 1-4, 8-1, and 20-1, respectively).

Bulk samples of suspect ACM were placed in pre-labeled zip-top bags and shipped to SanAir Technologies Laboratory (SanAir), in Powhatan, Virginia, using chain-of-custody protocol. CTA requested SanAir analyze the samples using the EPA Method 600/R-93/116 by PLM, which has an analytical sensitivity of one percent (1.0%) asbestos by visual estimate. CTA further requested that samples found to contain asbestos in concentrations less than 1% be analyzed using the 400 Point Count stipulation of the EPA PLM method to achieve an analytical sensitivity of 0.25%. All samples were analyzed using positive stop analysis. SanAir is accredited by the National Institute of Standards and Technology's (NIST) National Voluntary Laboratory Accreditation Program (NVLAP) for PLM analysis and therefore meets the proficiency requirements of the DEQ.

It is important to note that while some materials seemed homogeneous from one building to another, **all** materials were sampled independently; depending on the building in which they were located.

## 6.0 RESULTS

The following sections summarize the findings of our asbestos assessment of Buildings 1, 8, and 20 at the Veterans Administration Medical Center in Miles City, Montana. ACM were identified in all three structures included in this assessment, as summarized in the following sections. Data tables summarizing both ACM and Non-ACM are presented as Appendix C. Copies of all the laboratory analytical reports are presented in Appendix D.

### 6.1 Building 1

Of the 157 HAs of suspect ACM identified during the inspection of Building 1, 30 HAs were determined to contain more than 1% asbestos by volume and therefore must be considered to be ACM. Site figures depicting areas with confirmed and/or assumed ACM are presented as Appendix B (Figures 1-5 through 1-15). Tables 1 and 2, presented in Appendix C, summarize all ACM and non-ACM for Building 1, respectively. The following materials are ACM based on laboratory analytical results:

- 1-I3.1 – Muddled-joint fittings (Thermal System Insulation – TSI);
- 1-I4.1 – Magnesia straight run pipe insulation (TSI);
- 1-I4.2 – Aircell straight-run pipe insulation (TSI);
- 1-F1.1 – Light gray 9-inch by 9-inch floor tile with black streaks (Resilient Floor – RF);
- 1-F1.2 – Black 9-inch by 9-inch floor tile with white streaks (RF);
- 1-F1.3 – Off-white 9-inch by 9-inch floor tile with black streaks (RF);
- 1-F1.4 – Green 9-inch by 9-inch floor tile with white and black streaks (RF);
- 1-F2.4 – Cream colored 12-inch by 12-inch floor tile with tan streaks (RF);
- 1-F2.5 – Brown 12-inch by 12-inch floor tile with splotches of differing colors of tan (RF);
- 1-F2.16 – Olive 12-inch by 12-inch floor tile with white and dark green streaks (RF);
- 1-F2.18 – Brownish-red 12-inch by 12-inch floor tile with wavy mottles (RF);
- 1-F2.19 – Off-white 12-inch by 12-inch floor tile with olive splotches (RF);
- 1-F4.1 – White sheet floor with small yellow and green mottles (RF);
- 1-F4.2 – Sheet floor with wooden plank appearance (RF);
- 1-M1.3 – Black mastic located beneath 1-F1.3 (RF);
- 1-M1.4 – Black mastic located beneath 1-F1.4 (RF);
- 1-M2.1 – Black mastic located beneath non-ACM 1-F2.1 (RF);
- 1-M2.4 – Black mastic located beneath 1-F2.4 (RF);
- 1-M2.18 – Black mastic located beneath 1-F2.18 (RF);
- 1-M2.19 – Black mastic located beneath 1-F2.19 (RF);

- 1-M4.8 – Tan over historic black mastic located beneath non-ACM 1-F4.8 (RF);
- 1-H1.1 – Tan HVAC-ductwork seam paste (Miscellaneous – Misc.);
- 1-M8.3 – Black mastic adhering countertops to base and walls (Misc.);
- 1-M8.4 – Amber mastic adhering wooden wall panels (Misc.);
- 1-M9.5 – Dark brown mastic adhering acoustical ceiling tiles to walls (Misc.);
- 1-X2.1 – Gray transite panels used for countertops and shelving (Misc.);
- 1-X2.2 – Black transite-like panels used for countertops (Misc.);
- 1-X7.5 – Black, mastic-like undercoating on sinks (Misc.);
- 1-X7.6 – Gray “popcorn” style undercoating on sinks (Misc.); and,
- 1-T1.1 – “Popcorn” texture on ceilings and some walls (Surfacing – S).

In addition to the confirmed HAs of ACM noted above, HA 1-X7.2, defined as black popcorn style undercoating for sinks, was determined to be less than (<) 1% asbestos by volume through initial analysis. CTA requested that material samples for this HA be further analyzed using the 400 Point Count stipulation of the PLM method, which yielded an asbestos content of <0.25%. This material was observed under sinks in the following Rooms: 157A; 232; 237; 252C; 259; 261; and, 262.

Previous to performing our assessment of the space occupied by Victory Insurance, Keith Brownsfield of Victory Insurance stipulated that he did **not** want CTA to slice through the carpeting in Rooms 425 and 438 to inspect for potential suspect ACM materials beneath the carpet, although he requested we slice through carpeting of all remaining rooms in the space. CTA did as requested and observed only mastic materials under carpets. For purposes of this report, CTA has assumed there are ACM floor tiles under carpet materials in all rooms exhibiting carpeting in this area, and have assigned the HA designation of 1-F1.1 to those assumed ACM.

Lastly, while metal tags were observed on many doors in Building 1 identifying them as fire-rated doors, CTA determined that several doors may have had their metal tags removed for undetermined reasons. This includes the two doors to Rooms 100 and 115 which were observed to have exposed suspect ACM insulation. As a result, CTA has assumed for the purpose of this report that all doors may be suspect fire doors (i.e. contain suspect ACM). In the absence of additional sampling and analysis, these doors should be assumed to contain ACM. Doors confirmed to have fire-rating tags are identified on the Confirmed and/or Assumed ACM figures noted above.

## 6.2 Building 8

Of the 35 HAs of suspect ACM identified during the inspection of Building 8, three (3) HAs were determined to contain more than 1% asbestos by volume and therefore must be considered to be ACM. Site figures depicting areas with confirmed and/or assumed ACM are presented as Appendix B (Figures 8-2 and 8-3). Tables 3 and 4, presented in Appendix C, summarize all

ACM and non-ACM for Building 8, respectively. The following materials are ACM based on laboratory analytical results:

- 8-F1.1 – Gray 9-inch by 9-inch floor tile with dark gray and black mottles (RF);
- 8-F1.2 – Green 9-inch by 9-inch floor tile (RF); and,
- 8-F2.1 – Cream colored 12-inch by 12-inch floor tile with tan mottles (RF).

While metal tags were observed on many doors in Building 8 identifying them as fire-rated doors, CTA determined that several doors at the site may have had their metal tags removed for undetermined reasons. As a result, CTA has assumed for the purpose of this report that all doors may be suspect fire doors (i.e. contain suspect ACM). In the absence of additional sampling and analysis, these doors should be assumed to contain ACM. Doors confirmed to have fire-rating tags are identified on the Confirmed and/or Assumed ACM figures noted above.

### 6.3 Building 20

Of the 35 HAs of suspect ACM identified during the inspection of Building 20, nine (9) HAs were determined to contain more than 1% asbestos by volume and therefore must be considered to be ACM. Site figures depicting areas with confirmed and/or assumed ACM are presented as Appendix B (Figures 20-2 and 20-3). Tables 5 and 6, presented in Appendix C, summarize all ACM and non-ACM for Building 20, respectively. The following materials are ACM based on laboratory analytical results:

- 20-F2.1 – Off-white 12-inch by 12-inch floor tile with small gray mottles (RF);
- 20-F2.2 – White 12-inch by 12-inch floor tile with gray and black mottles (RF);
- 20-F2.3 – Green hued 12-inch by 12-inch floor tile with darker green streaks (RF);
- 20-F2.5 – Reddish 12-inch by 12-inch floor tile with red and brown mottles (RF);
- 20-M2.1 – Black mastic located beneath 20-F2.1 (RF);
- 20-M2.2 – Black mastic located beneath 20-F2.2 (RF);
- 20-M2.3 – Black mastic located beneath 20-F2.3 (RF);
- 20-M2.4 – Black and amber mastics located beneath non-ACM 20-F2.4 (RF); and,
- 20-X7.1 – Black undercoating on sinks (Misc.).

While metal tags were observed on several doors in Building 20 identifying them as fire-rated doors, CTA determined that several doors at the site may have had their metal tags removed for undetermined reasons. As a result, CTA has assumed for the purpose of this report that all doors may be suspect fire doors (i.e. contain suspect ACM). In the absence of additional sampling and analysis, these doors should be assumed to contain ACM. Doors confirmed to have fire-rating tags are identified on the Confirmed and/or Assumed ACM figures noted above.

## 7.0 RECOMMENDATIONS

Based on the findings presented in this report, and with consideration to the aforementioned applicable regulations, CTA presents the following recommendations for handling and disposal of ACM identified in Buildings 1, 8, and 20 at the Veterans Administration Medical Center in Miles City.

If future planned renovation work will impact **any** of the materials identified in this report as ACM, and/or RACM, CTA recommends the removal, transport, and disposal of those materials in accordance with applicable DEQ, EPA, and OSHA regulations prior to initiation of renovation activities. Abatement activities should be completed by a DEQ-licensed asbestos abatement contractor, and ACM waste should be properly disposed of at a Montana-licensed, Class II landfill prior to initiation of renovation or demolition activities. A NESHAP permit application must also be prepared and submitted to DEQ at least 10 business days prior to initiation of abatement activities at the site.

In addition to confirmed ACM, one (1) additional HA of Non-ACM determined to contain asbestos in a concentration less than the DEQ regulatory criterion of 1% asbestos by volume (i.e. 1-X7.2 – black, “popcorn” style undercoating on sinks) should be handled in accordance with applicable OSHA requirements, including (but not limited to) employee awareness training and exposure monitoring. Non-ACM may be disposed as general construction debris at a Montana-licensed Class IV landfill.

CTA recommends that **any** door(s) not determined to be Non-ACM through material sampling and analysis be assumed to contain RACM insulation (i.e. fire doors) and handled, transported, and disposed as such.

For the purpose of this report, CTA understands all tentatively-planned abatement work will be completed while adjacent areas of the building remain at least partially occupied. In order to ensure DEQ, EPA, and OSHA regulations are adhered to during the project, CTA recommends an asbestos abatement specification document be prepared, including a requirement for abatement oversight and clearance air monitoring to be completed or overseen by a Certified Industrial Hygienist (CIH) or Professional Industrial Hygienist (hygienist). We also recommend the hygienist collect ambient air samples from occupied spaces adjacent to the abatement area(s) in order to document airborne fiber concentrations during abatement activities.

CTA further recommends that additional personnel monitoring be performed to determine the exposure potential for employees/contractors working in ceiling plenums above drop ceiling tiles proximate to areas with ACM TSI.

CTA can implement the recommendations described above, including coordinating and contracting abatement, transport, and disposal of waste materials. We can also provide abatement oversight and final clearance monitoring, as appropriate. Such additional services can be provided under a separate contract, if requested.

## **8.0 ABATEMENT COST ANALYSIS**

In an e-mail message to Rob Dunn, dated December 1, 2010, CTA quoted an anticipated abatement cost (including all project administration services) of \$6,525,000. This quote was based on incomplete knowledge of total ACM quantities to be removed and/or sequencing/phasing of work, and is a best guess to include all demolition costs as well as all abatement costs following demolition in specific areas throughout. As additional knowledge of any project scopes become available, CTA can prepare a more complete estimated cost for a specific portion or all of the work.

## 9.0 LIMITATIONS

This report was prepared specifically for use by The Department of Veterans Affairs. Use by any other entity is at the sole risk of the user(s). CTA's assessment was completed with a standard of care meeting or exceeding that of other consultants performing similar work in this area. Our findings and recommendations are based on field observations and our professional interpretation of laboratory analytical data for samples collected during the inspection, as described above.

The scope of our inspection was limited to those accessible areas at the site as described in this report. If additional suspect materials are encountered during renovation and/or demolition activities, they should be sampled and analyzed to determine whether they are ACM, prior to being "impacted" by renovation and/or demolition activities. The findings and conclusions of this report may not apply to future conditions at the site which we have not had the opportunity to evaluate.

We appreciate the opportunity to provide these industrial hygiene consulting services for the VA. If you have any questions regarding this project, or if we can be of service in another industrial hygiene and/or environmental consulting capacity, please contact our Great Falls office (406.452.3321).

Report Prepared By:



Nathan Shumate  
I.H. Technician  
[NateS@ctagroup.com](mailto:NateS@ctagroup.com)

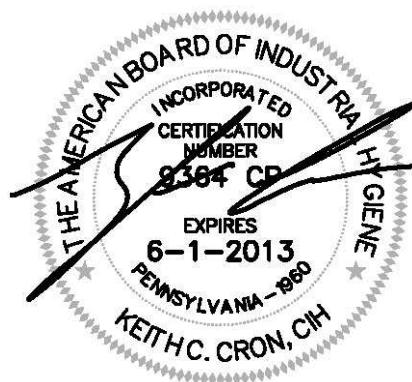
Report Reviewed By:



Scott Vosen  
Environmental Scientist  
[ScottV@ctagroup.com](mailto:ScottV@ctagroup.com)



Keith Cron, CIH  
Program Manager  
[KeithC@ctagroup.com](mailto:KeithC@ctagroup.com)





INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

**APPENDIX A**  
**Documentation of Accreditation**



organized to improve the practice of industrial hygiene  
proclaims that

*Keith C. Cron*

having met all requirements through  
education, experience and examination,  
is hereby certified in the

**COMPREHENSIVE PRACTICE  
of  
INDUSTRIAL HYGIENE**

and has the right to use the designations

**CERTIFIED INDUSTRIAL HYGIENIST**

**CIH**

Certificate Number: 9364 CP

Awarded: November 1, 2007

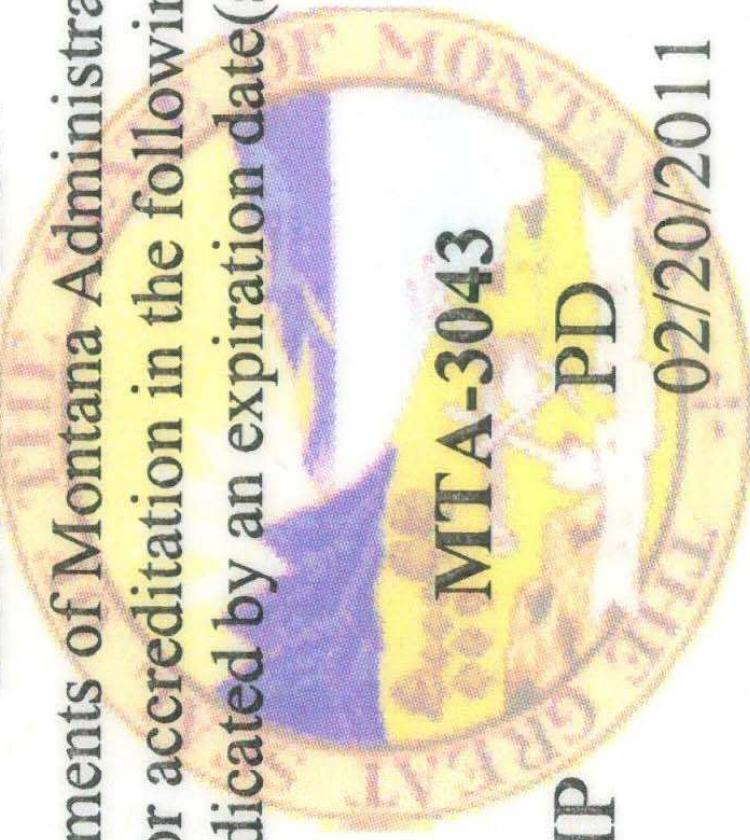
Expiration Date: June 1, 2013

*Barbara Dawson*  
Chair ABIH

*Lynn C. O'Donnell*  
Executive Director ABIH

KEITH C CRON

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos-type occupation(s) as indicated by an expiration date(s).



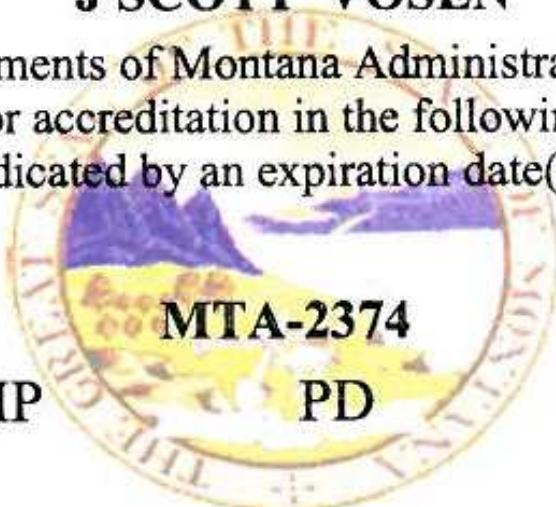
IN 03/11/2011  
PD 02/20/2011  
MP 04/09/2011  
CS

W.K.

# MT DEQ Asbestos Control Program

**J SCOTT VOSEN**

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos-type occupation(s) as indicated by an expiration date(s).



CS

MP

PD

IN

04/08/2012

03/10/2012

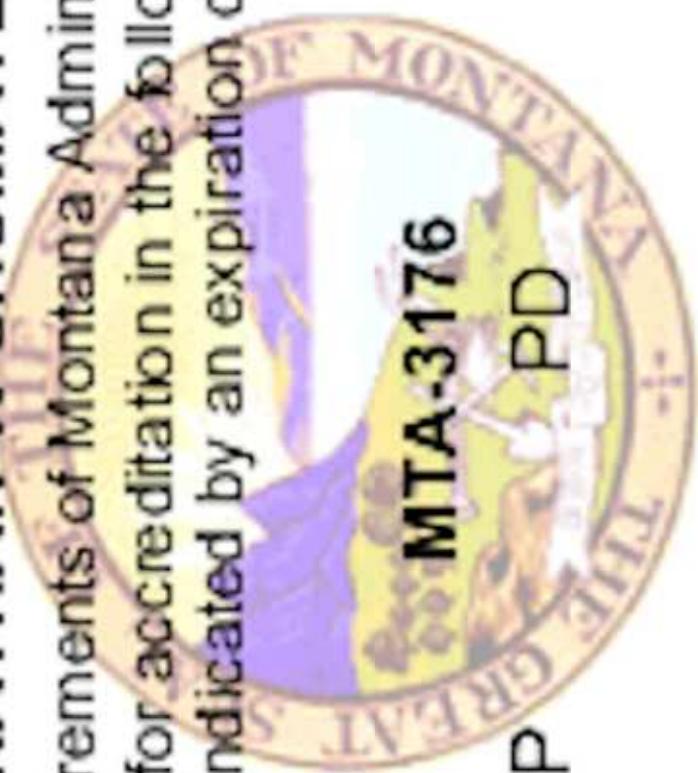
WK

A handwritten signature in black ink, appearing to read "J. Scott Vosen", is written over a solid horizontal line.

MT DEQ Asbestos Control Program

**NATHAN W SHUMATE**

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos-type occupation(s) as indicated by an expiration date(s).



CS  
11/05/2011

WK

MP  
IN  
11/17/2011

*[Handwritten signature]*

MT DEQ Asbestos Control Program



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

## APPENDIX B

### Figures

## Suspect Asbestos-Containing Materials Sample Locations

VA Hospital - Building 1, First Floor  
Miles City, Montana

INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

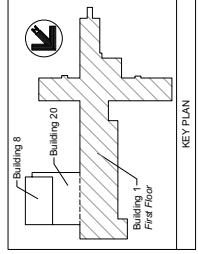
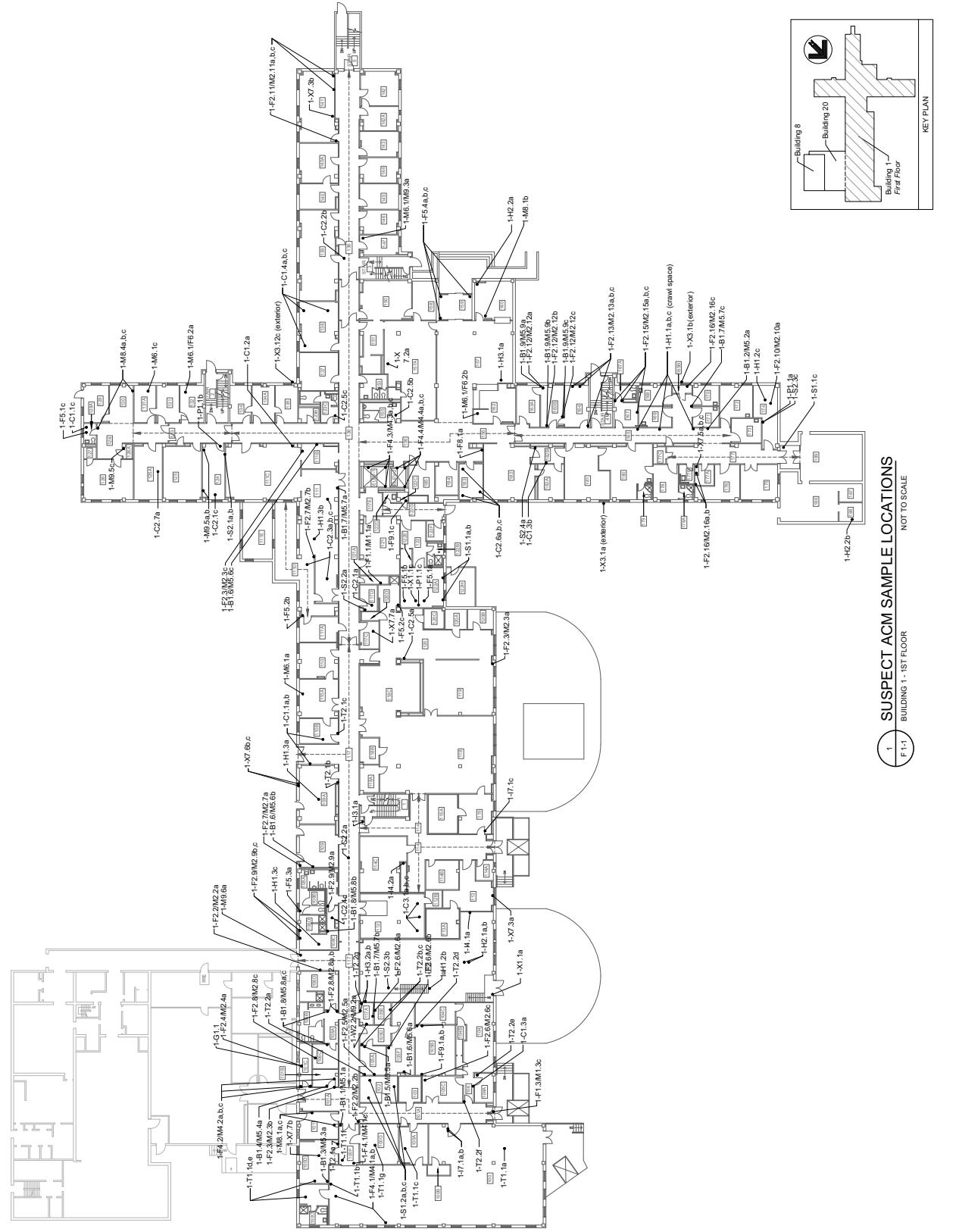


Figure 1-1



SUSPECT Asbestos-Containing Materials Sample Locations

VA Hospital - Building 1, Second Floor

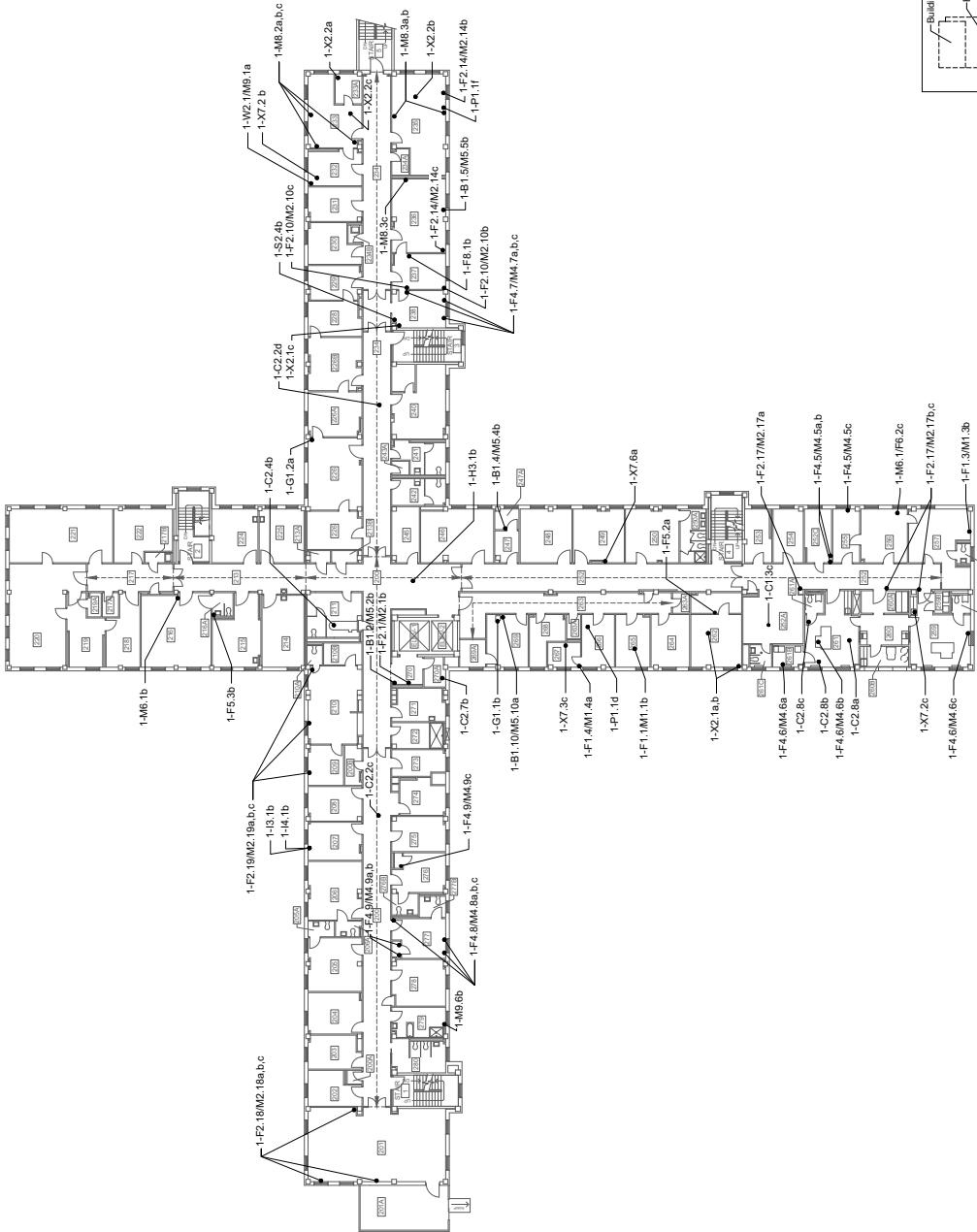
Miles City, Montana



CREAT A TA LLS, WT  
406/652-3221  
Fax (406)444-1873

DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_ SC \_\_\_\_\_  
CITA # \_\_\_\_\_ SF \_\_\_\_\_  
CAD FILE \_\_\_\_\_ FLOOR \_\_\_\_\_  
DR \_\_\_\_\_ GEN \_\_\_\_\_  
SHEET \_\_\_\_\_

Figure 1-2



1 SUSPECT ACM SAMPLE LOCATIONS  
NOT TO SCALE  
F12 BUILDING 1 - 2ND FLOOR

## Suspect Asbestos-Containing Materials Sample Locations

V.A Hospital - Building 1, Third Floor

INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

ORLANDO, FL  
(406)452-3321  
Fax (406)454-1873

SHEET

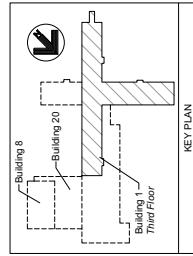
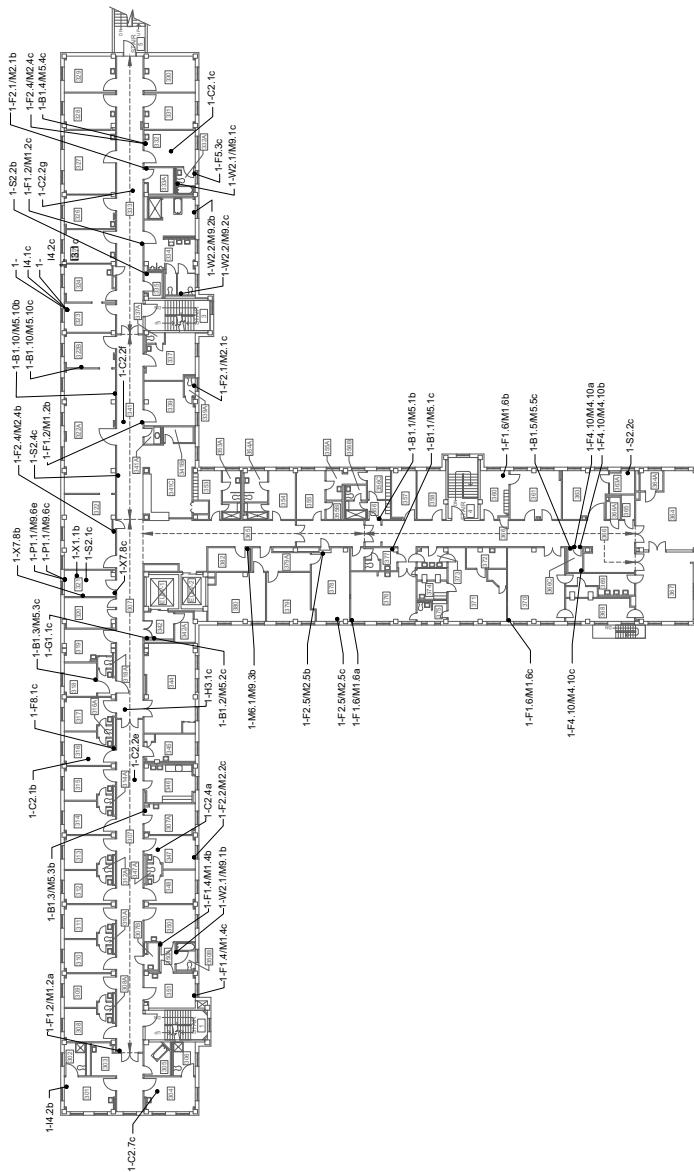


Figure 1-3



## Suspect Asbestos-Containing Materials Sample Locations

V.A Hospital - Building 1, Fourth Floor

Miles City, Montana

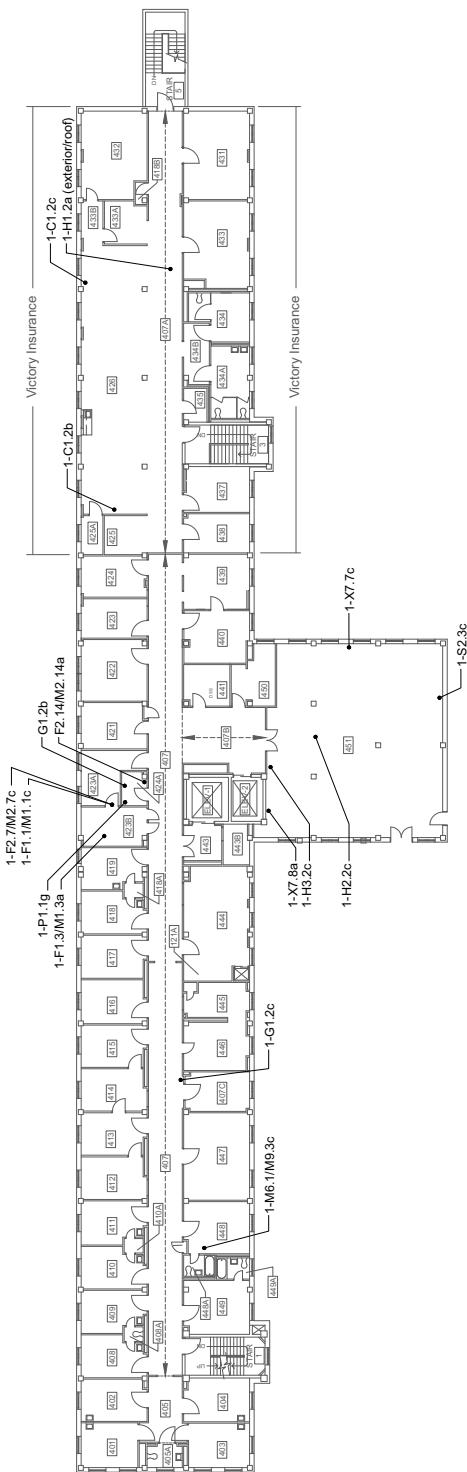


INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

DRAWN BY: \_\_\_\_\_ C/H  
DRAWN BY: \_\_\_\_\_ KG  
DATE: 03/21/2011  
ACTA # GFBENV/10059  
Figure 1-4  
DIR: GFBENV/10059

**Figure 1-4**

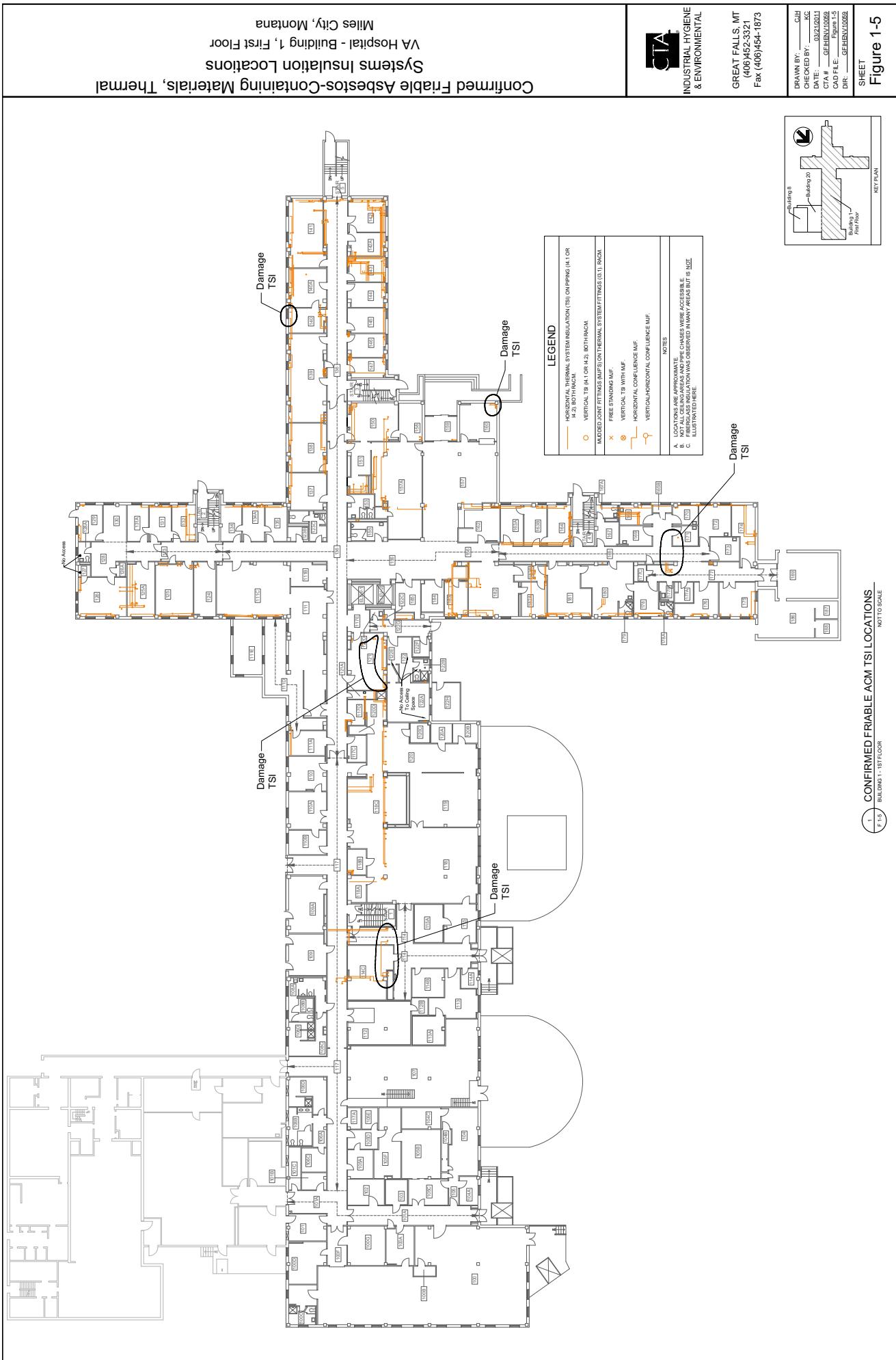


**SUSPECT ACM SAMPLE LOCATIONS**

1 F-14 BUILDING 1 - 4TH FLOOR

NOT TO SCALE

Figure 1-4



Confirmed Friable Asbestos-Containing Materials, Thermal  
Systems Insulation Locations

VA Hospital - Building 1, Second Floor

Miles City, Montana



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL  
GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

CHECKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
CTA #: \_\_\_\_\_  
O&G FILE #: \_\_\_\_\_  
DR #: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CAB: \_\_\_\_\_  
AS: \_\_\_\_\_  
GENERIC NUMBER: \_\_\_\_\_  
Form 14  
GEHENB1069  
SHEET  
KEY PLAN

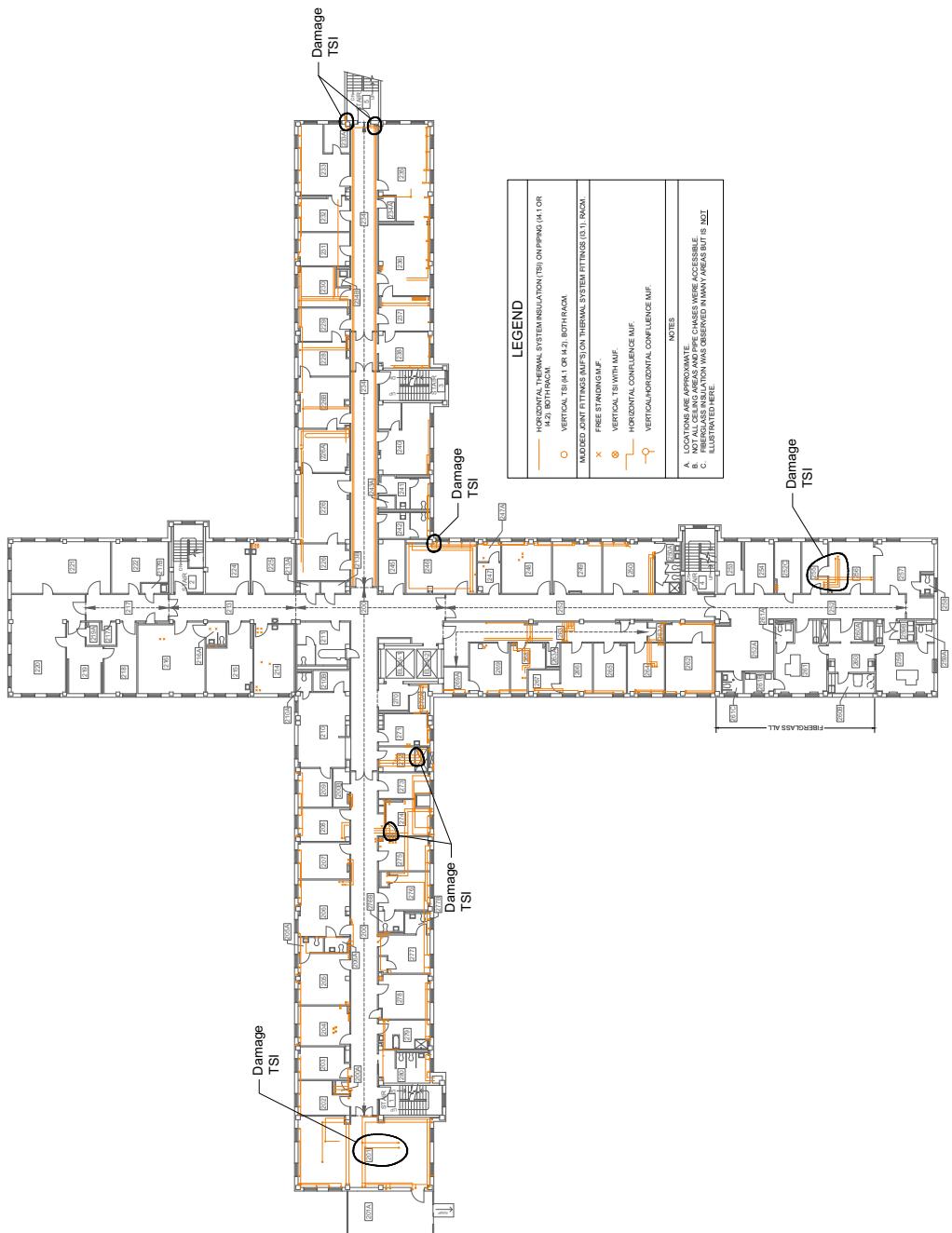
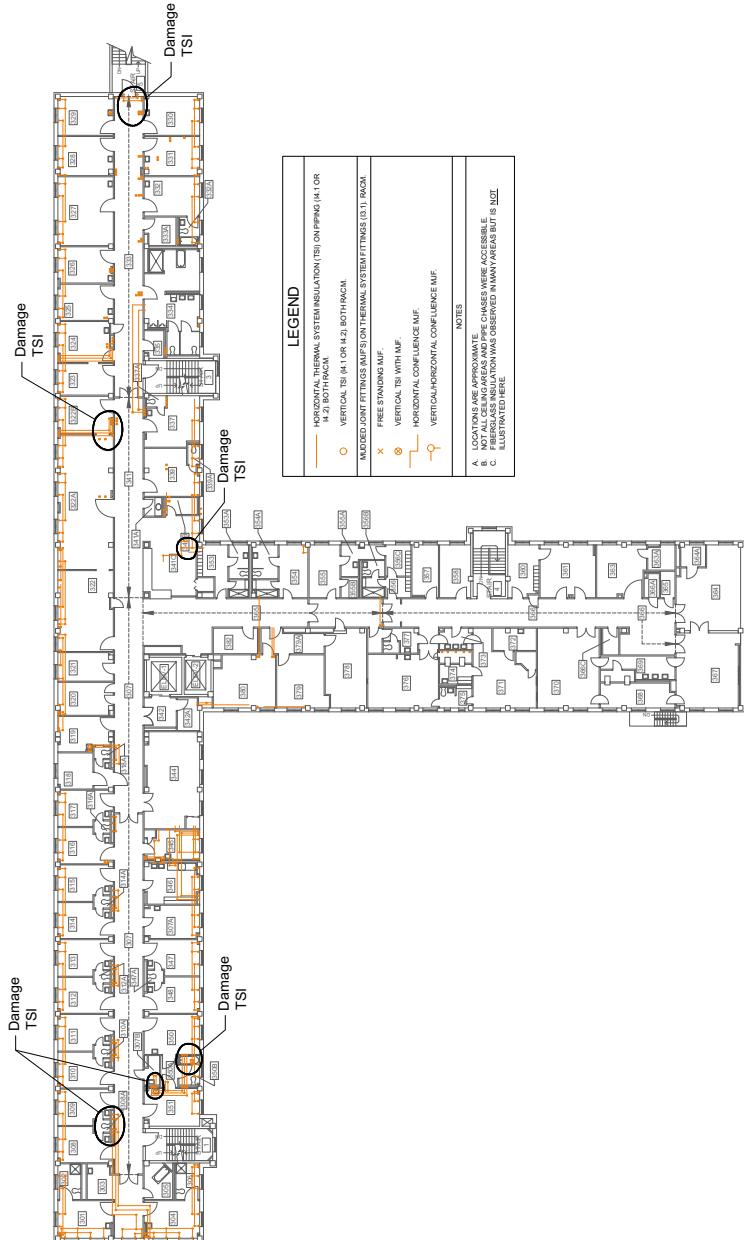
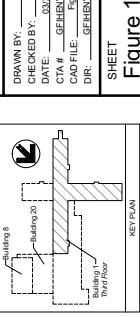


Figure 1-6



**CONFIRMED FRIABLE ACM TSI LOCATIONS**  
NOT TO SCALE



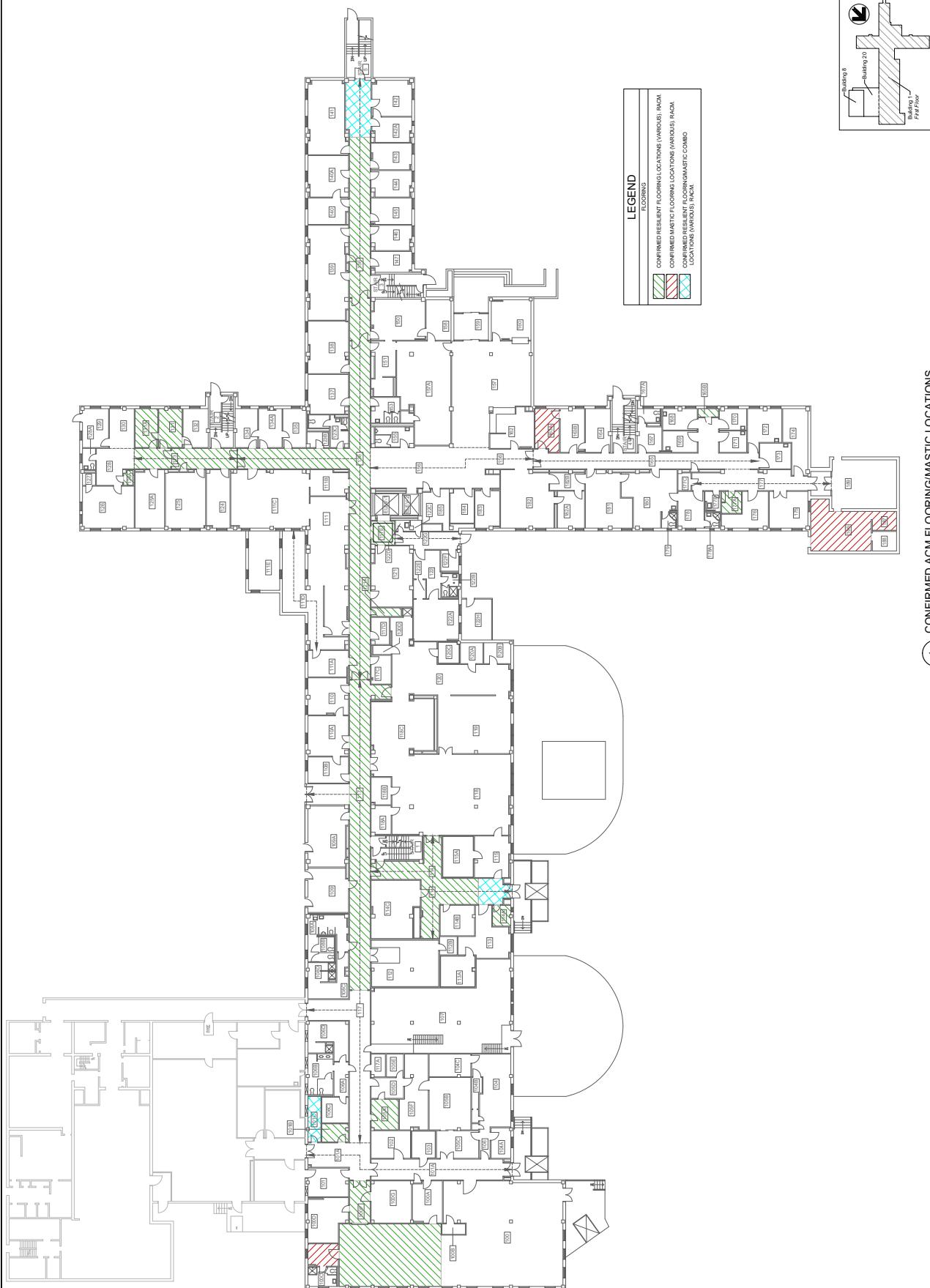
Confirmed/Assumed Asbestos-Containing Materials - Flooring Locations  
 VA Hospital - Building 1, First Floor  
 Miles City, Montana



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

Figure 1-8  
 SHEET





INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

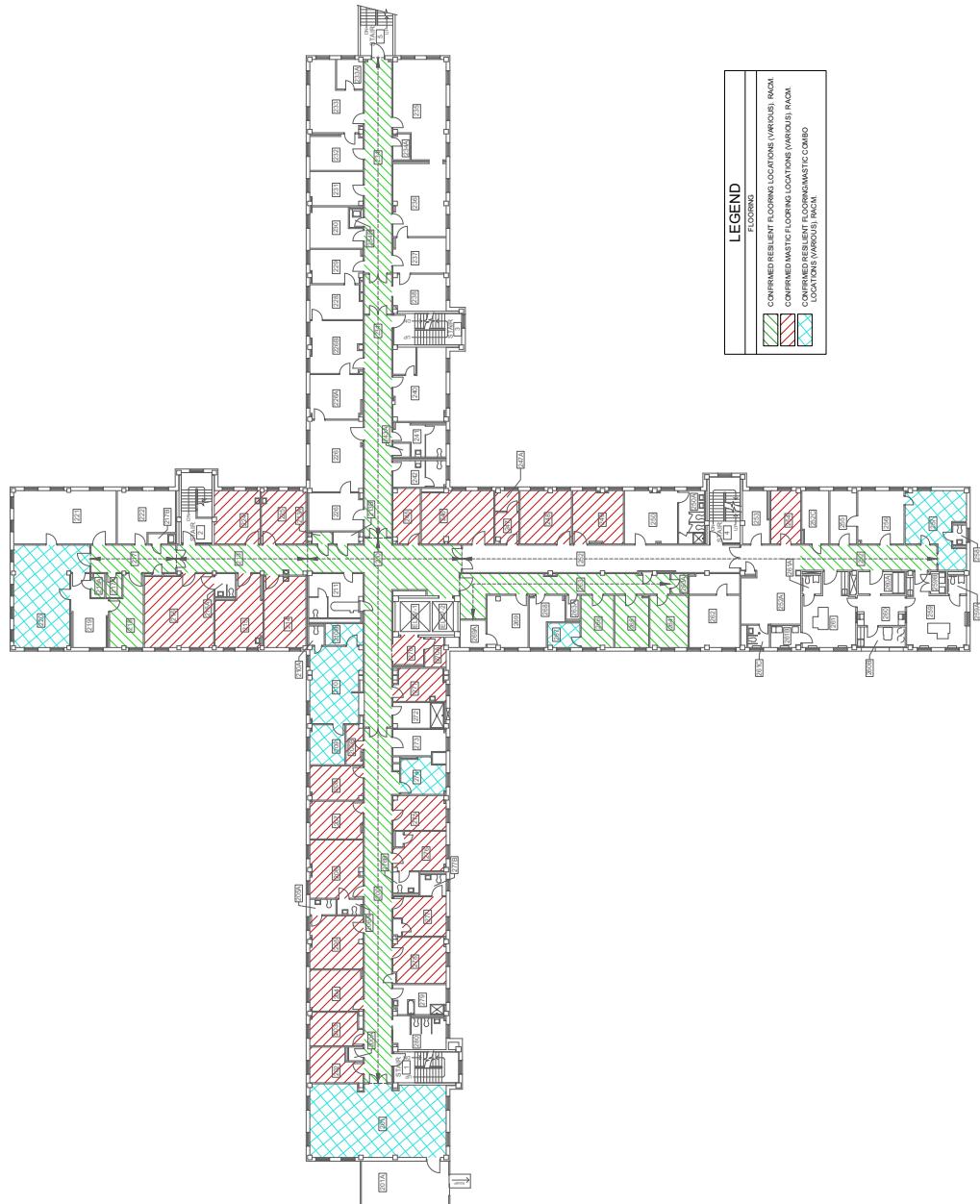
GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

CITY, MONTANA  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_  
CTA # \_\_\_\_\_  
CAD FILE # \_\_\_\_\_  
DIR # \_\_\_\_\_  
SHEET # \_\_\_\_\_  
NOT TO SCALE

Figure 1-9

Confirmed/Assumed Asbestos-Containing Materials - Flooring Locations  
VA Hospital - Building 1, Second Floor

Missoula, Montana



Miles City, Montana

VA Hospital - Building 1, Third Floor

Confirmed/Assumed Asbestos-Containing Materials - Flooring Locations



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_  
C/A # \_\_\_\_\_  
GIVEN TO \_\_\_\_\_  
CAD FILE: F:\Bldg 1\10  
DIR: G:\HEALTH\10\0059

SHEET  
Figure 1-10



Miles City, Montana

VA Hospital - Building 1, Fourth Floor

Contracted/Assumed Asbestos-Containing Materials - Flooring Locations



**INDUSTRIAL HYGIENE  
& ENVIRONMENTAL**

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

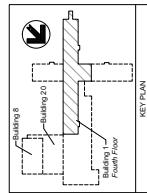
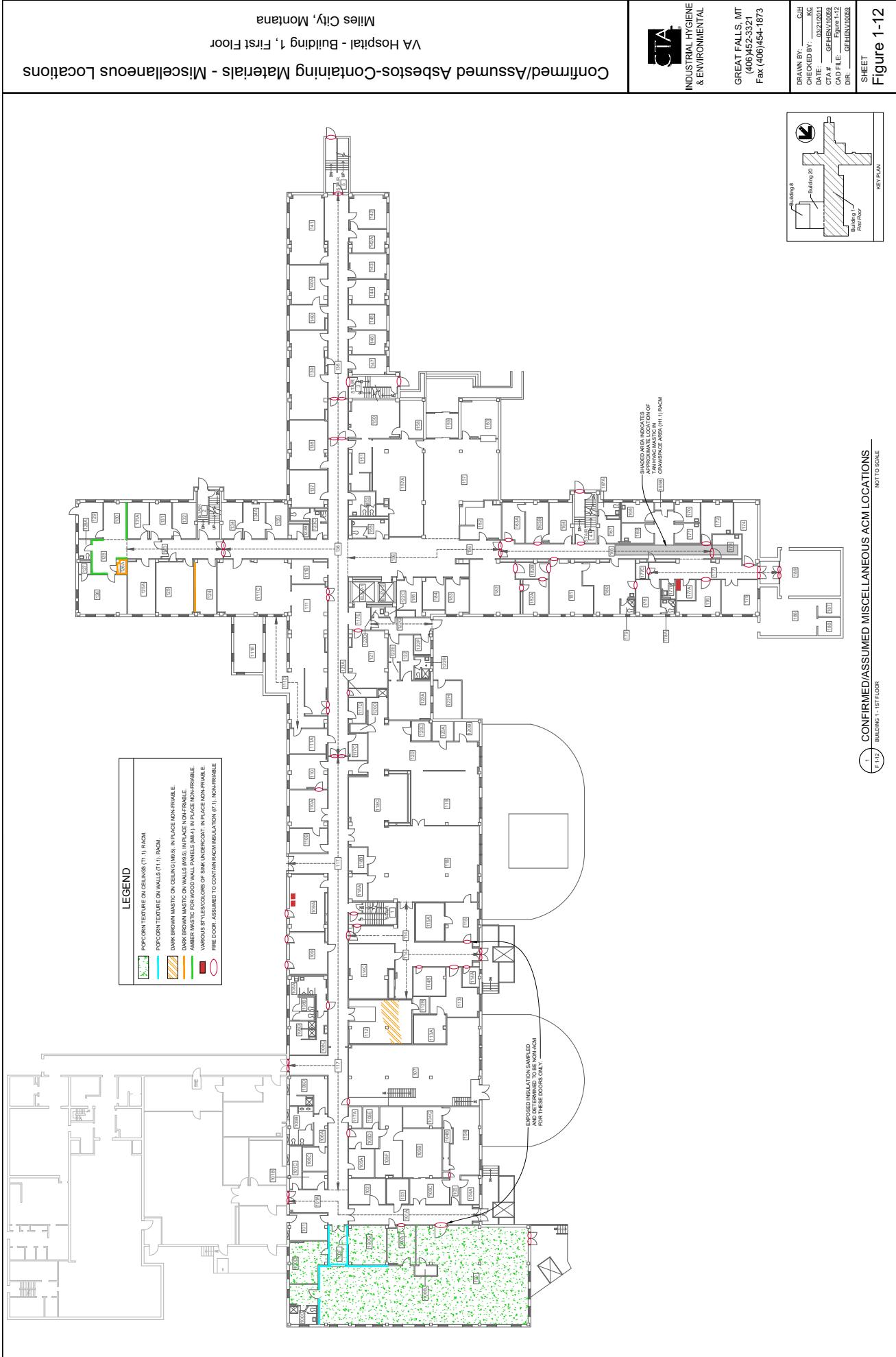


Figure 1-11

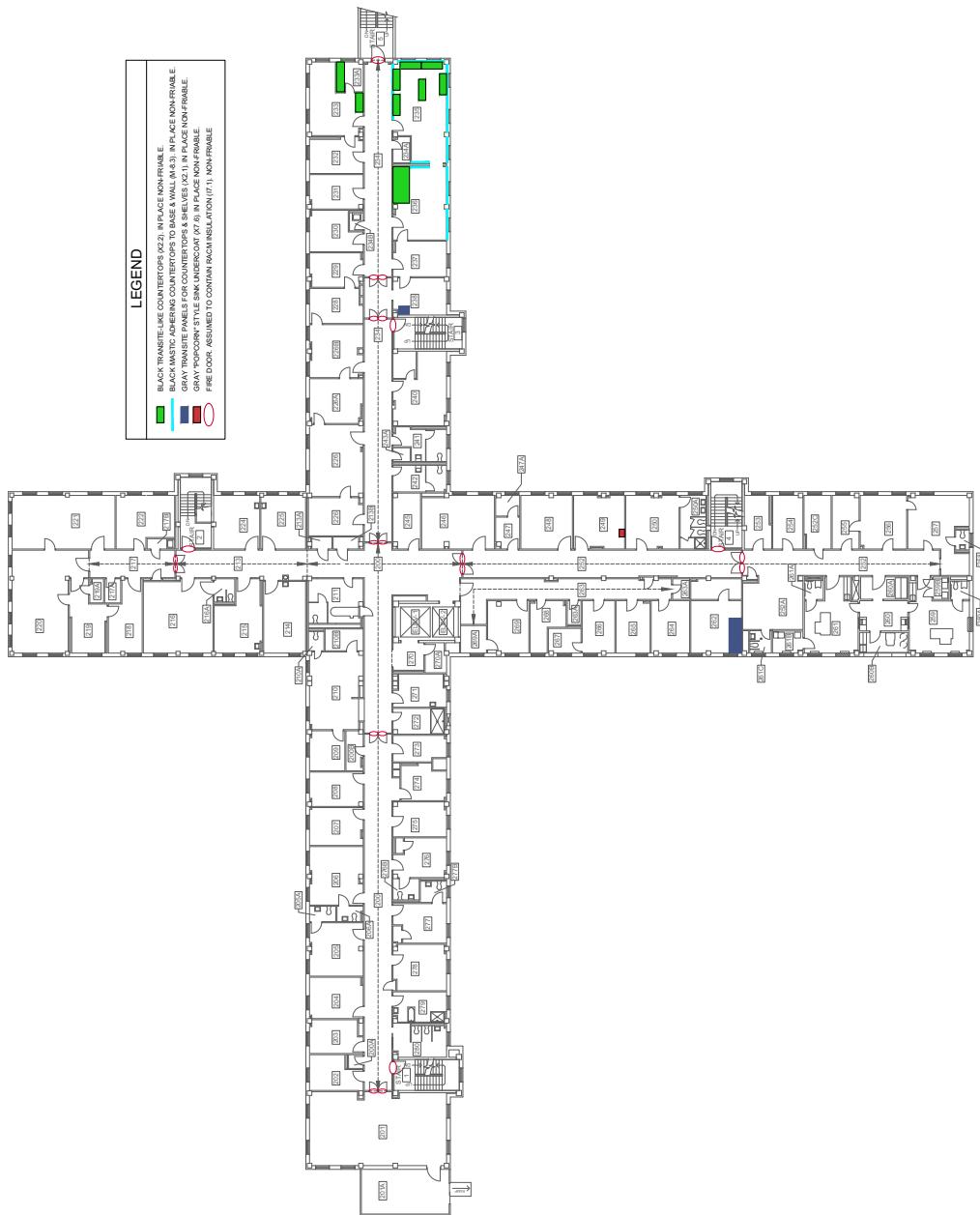
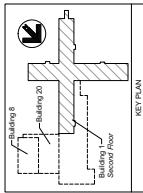


Miles City, Montana  
VA Hospital - Building 1, Second Floor  
Confirmed/Assumed Asbestos-Containing Materials - Misc.



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL  
GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_  
CTA # \_\_\_\_\_  
CAG FILE # \_\_\_\_\_  
DR # \_\_\_\_\_  
GERHEN/0069  
SHEET \_\_\_\_\_  
Figure 1-13



Miles City, Montana

VA Hospital - Building 1, Third Floor

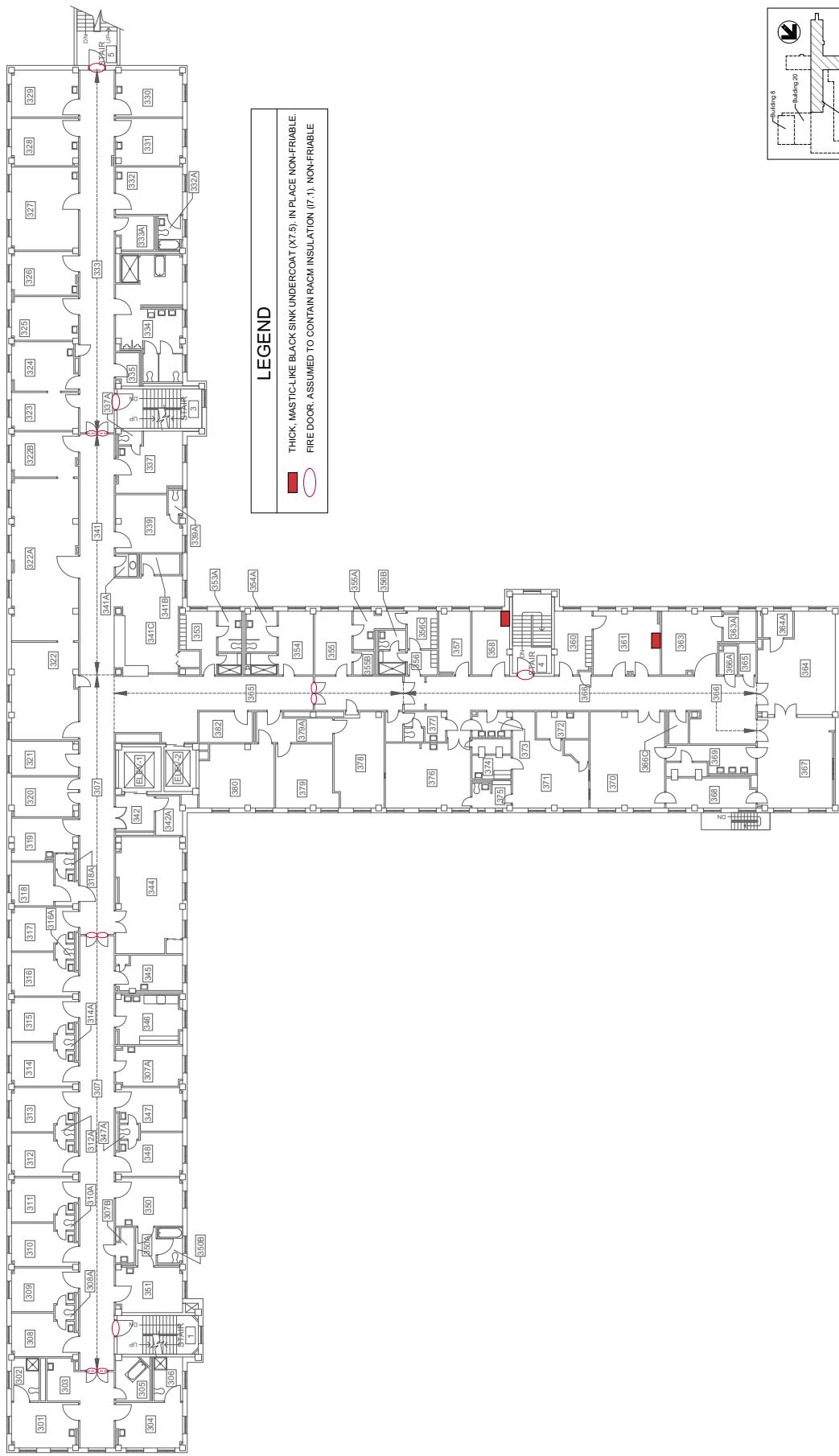
Confirmed/Assumed Asbestos-Containing Materials - Miles.



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

CAB  
ASBESTOS  
GHEBREKIBRE  
O&E FILE #  
DRAFT  
SHEET  
Figure 1-14



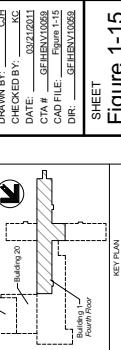
CONFIRMED/ASSUMED MISCELLANEOUS ACM LOCATIONS  
NOT TO SCALE  
1  
F.1.14  
BUILDING 1-3RD FLOOR

Miles City, Montana  
VA Hospital - Building 1, Fourth Floor  
Confirmed/Assumed Asbestos-Containing Materials - Miles.

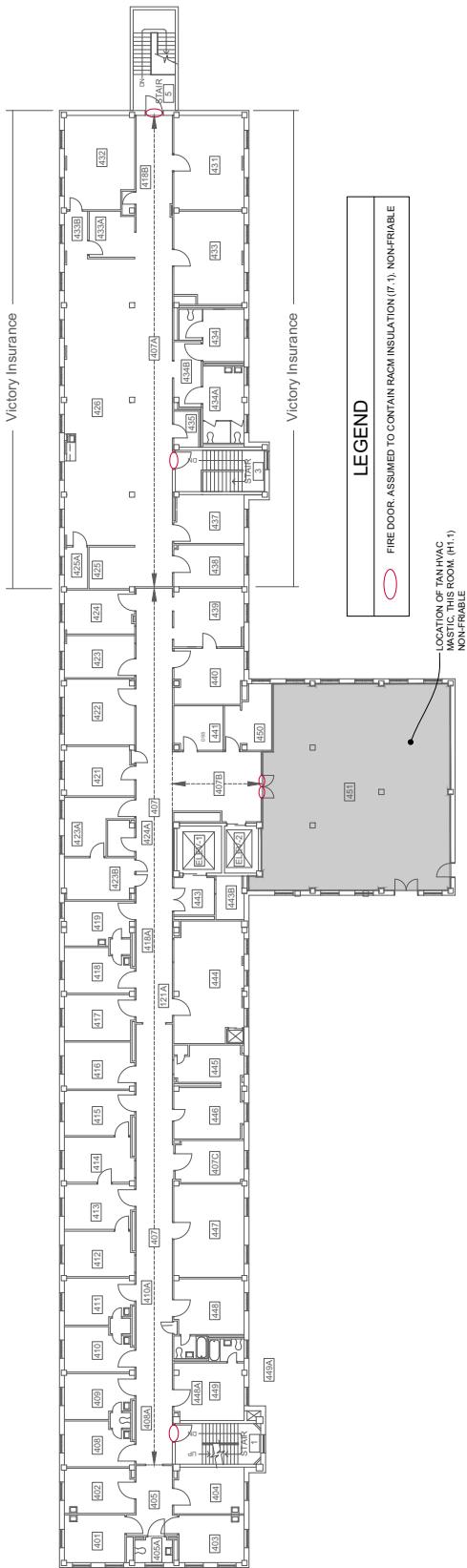


INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873



SHEET  
Figure 1-15



CONFIRMED/ASSUMED MISCELLANEOUS ACM LOCATIONS  
1/4" = 1'-0" TO SCALE

## Suspect Asbestos-Containing Materials Sample Locations

VA Hospital - Building 8  
Miles City, Montana

V.A Hospital - Building 8

## Suspect Asbestos-Containing Materials Sample Locations

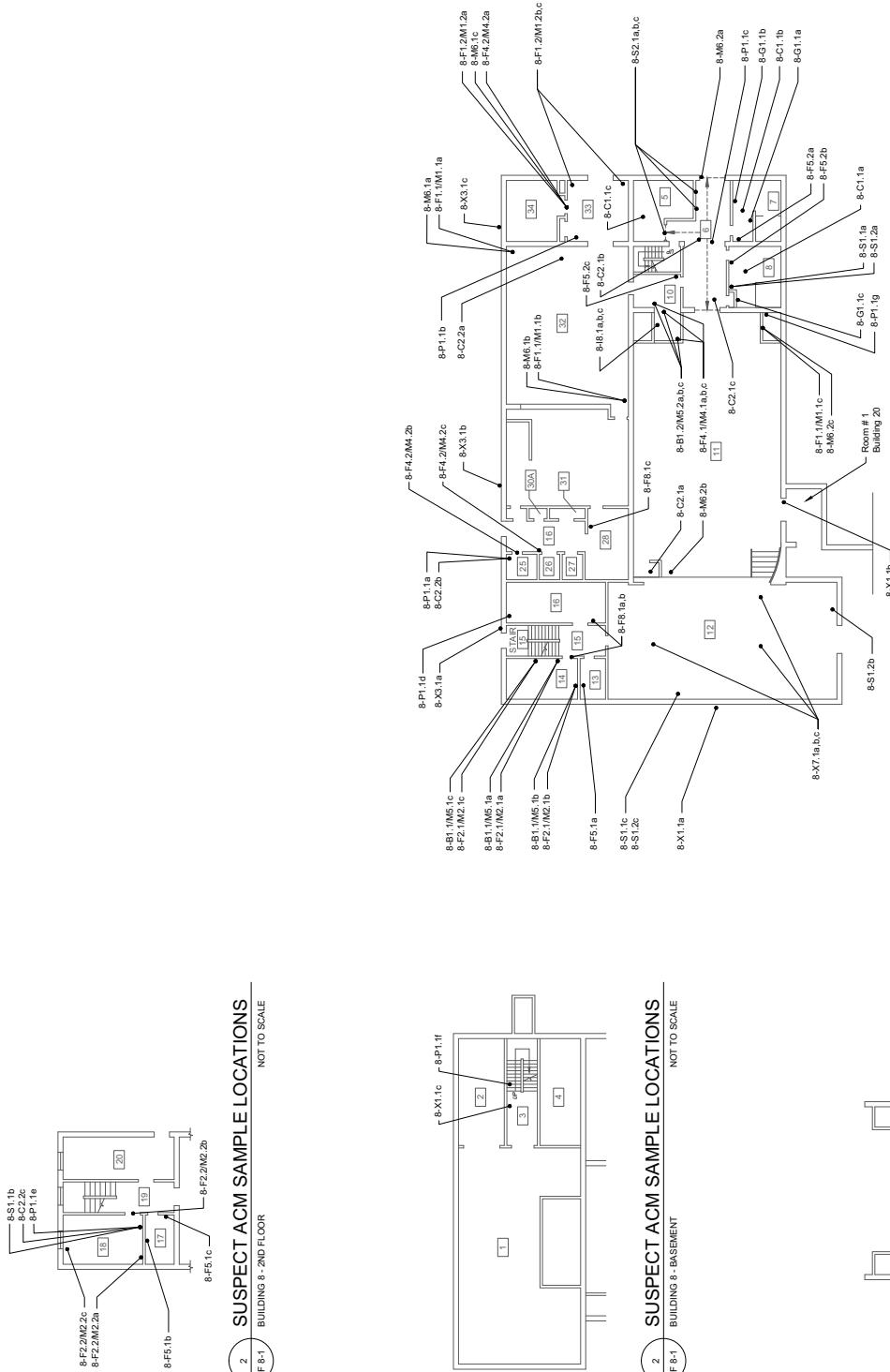
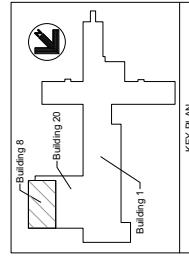
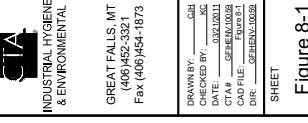


Figure 8-1



**SUSPECT ACM SAMPLE LOCATIONS**

1	F 8-1	BUILDING 8 - 1ST FLOOR	NOT TO SCALE
---	-------	------------------------	--------------



GREAT FALLS  
(406)452-3454  
Fax (406)454

100

DRAWN BY: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

STAN# \_\_\_\_\_ GENE# \_\_\_\_\_

CADD FILE:    GETHEN  
NBI

卷之三

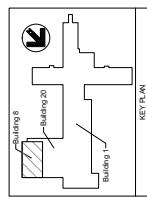
Miles City, Montana  
VA Hospital - Building 8  
Confirmed/Assumed Asbestos-Containing Materials - Flooring Locations



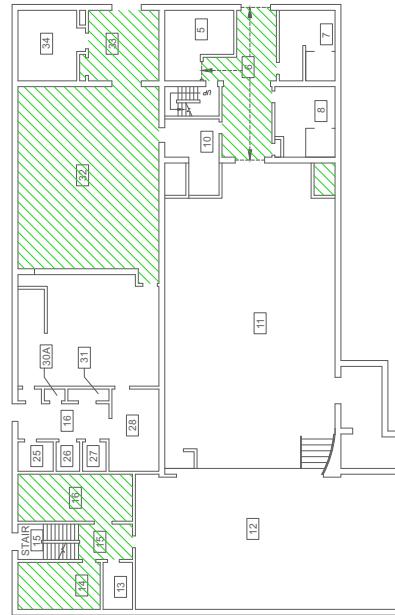
INDUSTRIAL HYGIENE  
& ENVIRONMENTAL  
GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_  
CIA # \_\_\_\_\_  
O&G FILE # \_\_\_\_\_  
DR # \_\_\_\_\_  
GERHEN/0059  
SHEET \_\_\_\_\_

Figure 8-2

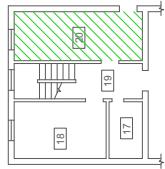


CONFIRMED ACM FLOORING LOCATIONS  
NOT TO SCALE  
1 BUILDING 8 - 1ST FLOOR  
8-2

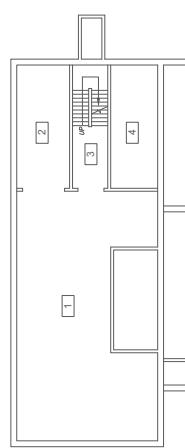


LEGEND  
FLOORING  
CONFIRMED RESILIENT FLOORING LOCATIONS (VARIOUS) IN PLACE NON-FRAME

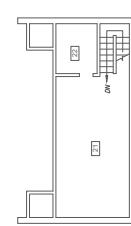
CONFIRMED ACM FLOORING LOCATIONS  
NOT TO SCALE  
2 BUILDING 8 - 2ND FLOOR  
F-2



CONFIRMED ACM FLOORING LOCATIONS  
NOT TO SCALE  
3 BUILDING 8 - BASEMENT  
F-2



CONFIRMED ACM FLOORING LOCATIONS  
NOT TO SCALE  
4 BUILDING 8 - PROJECTION ROOM  
F-2



CONFIRMED ACM FLOORING LOCATIONS  
NOT TO SCALE  
5 BUILDING 8 - ROOF  
F-2

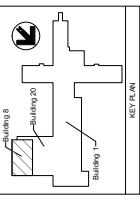
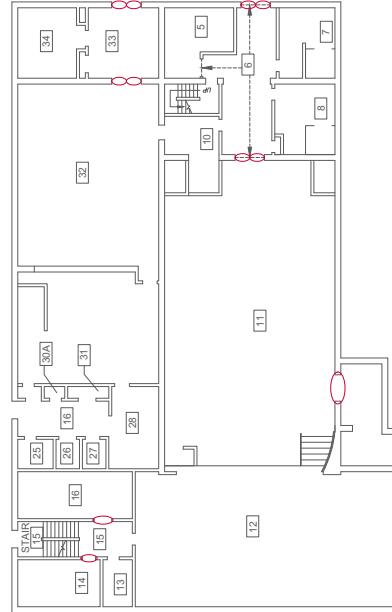
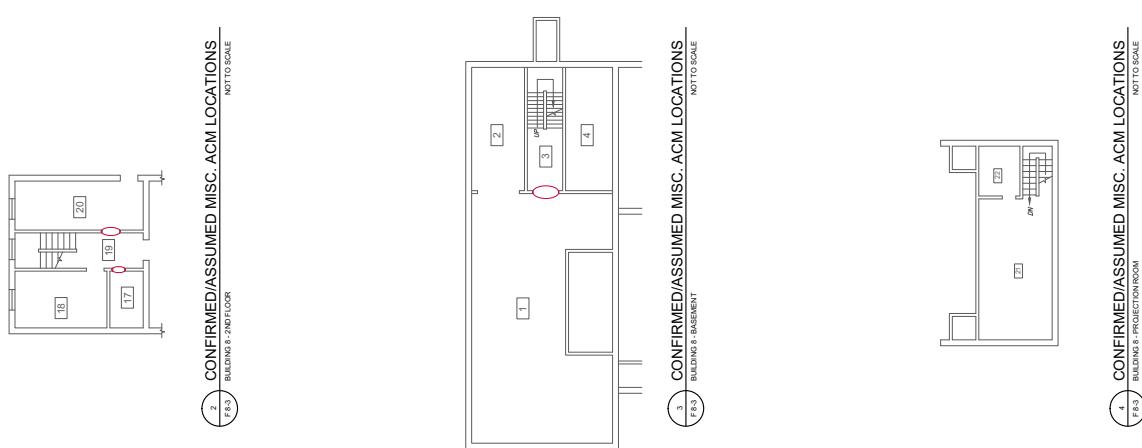
Confirmed/Assumed Asbestos-Containing Materials - MISC.  
VA Hospital - Building 8  
Miles City, Montana



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL  
GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

CAB  
ACM  
DATE: 03/01/02  
CIA #: GENENV0098  
CAD FILE: Figure 8-3  
DR #: GENENV0059  
SHEET  
KEY PLAN

Figure 8-3



SUSPECT Asbestos-Containing Materials Sample Locations

VA Hospital - Building 20  
Miles City, Montana

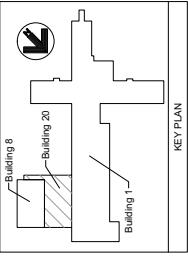
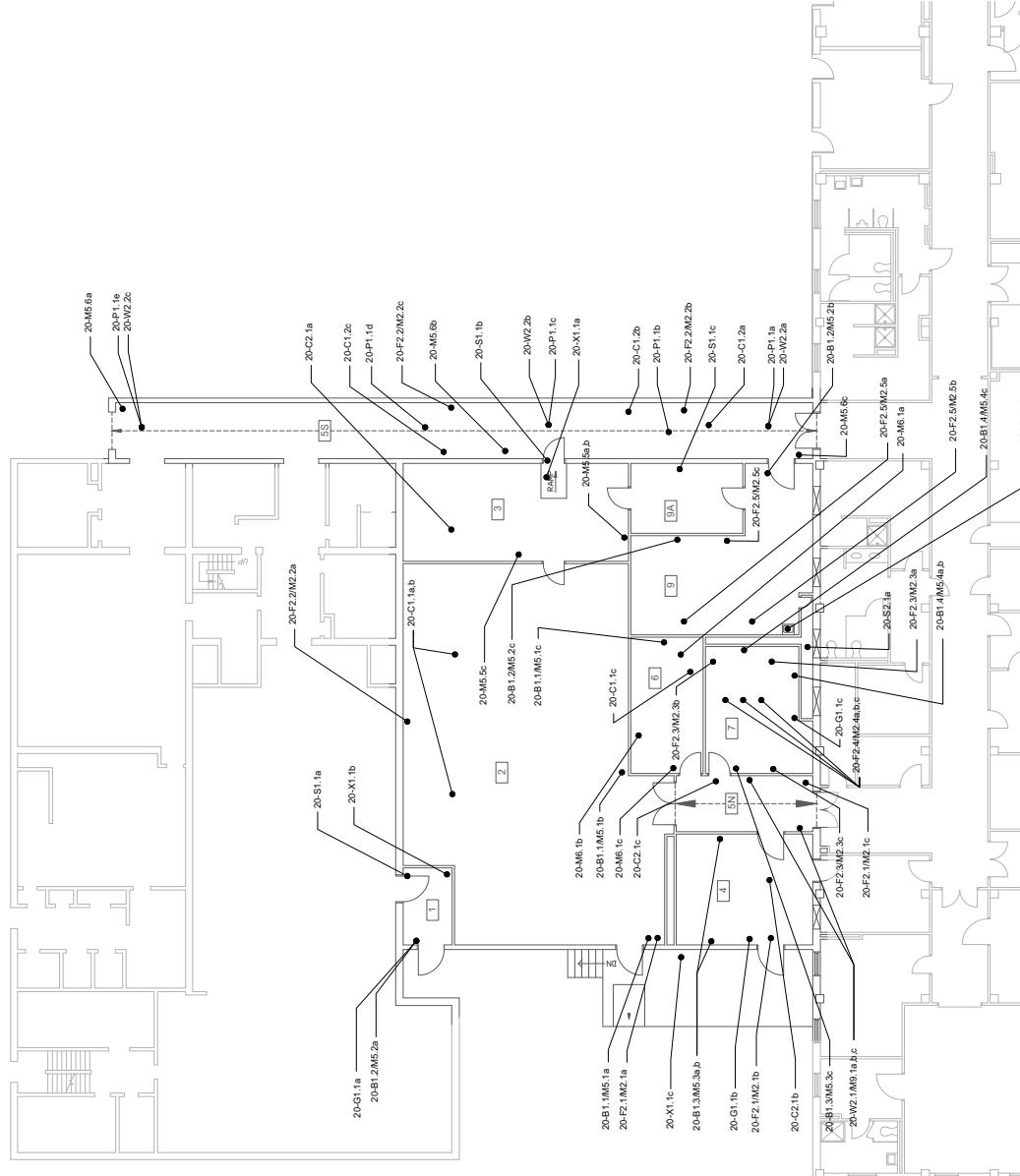


Figure 20-1

**SUSPECT ACM SAMPLE LOCATIONS**  
1 F 20-1 BUILDING 20 - 1ST FLOOR  
NOT TO SCALE

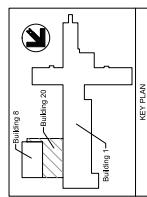


DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DATE: 03/02/2011  
CIA #: GEMB-2009  
CAD FILE: 20-1.dwg  
DR: 20-1.dwg  
SHEET: 1



INDUSTRIAL HYGIENE  
 & ENVIRONMENTAL  
 GREAT FALLS, MT  
 (406)452-3321  
 Fax (406)454-1873

DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 CTA # \_\_\_\_\_  
 GENEN/0098  
 CAD FILE: \_\_\_\_\_  
 DR: \_\_\_\_\_  
 GENEN/0056  
 SHEET \_\_\_\_\_  
 KEY PLAN



CONFIRMED ACM FLOORING LOCATIONS  
 NOT TO SCALE  
 1 20' 2'  
 BUILDING 20: 1ST FLOOR

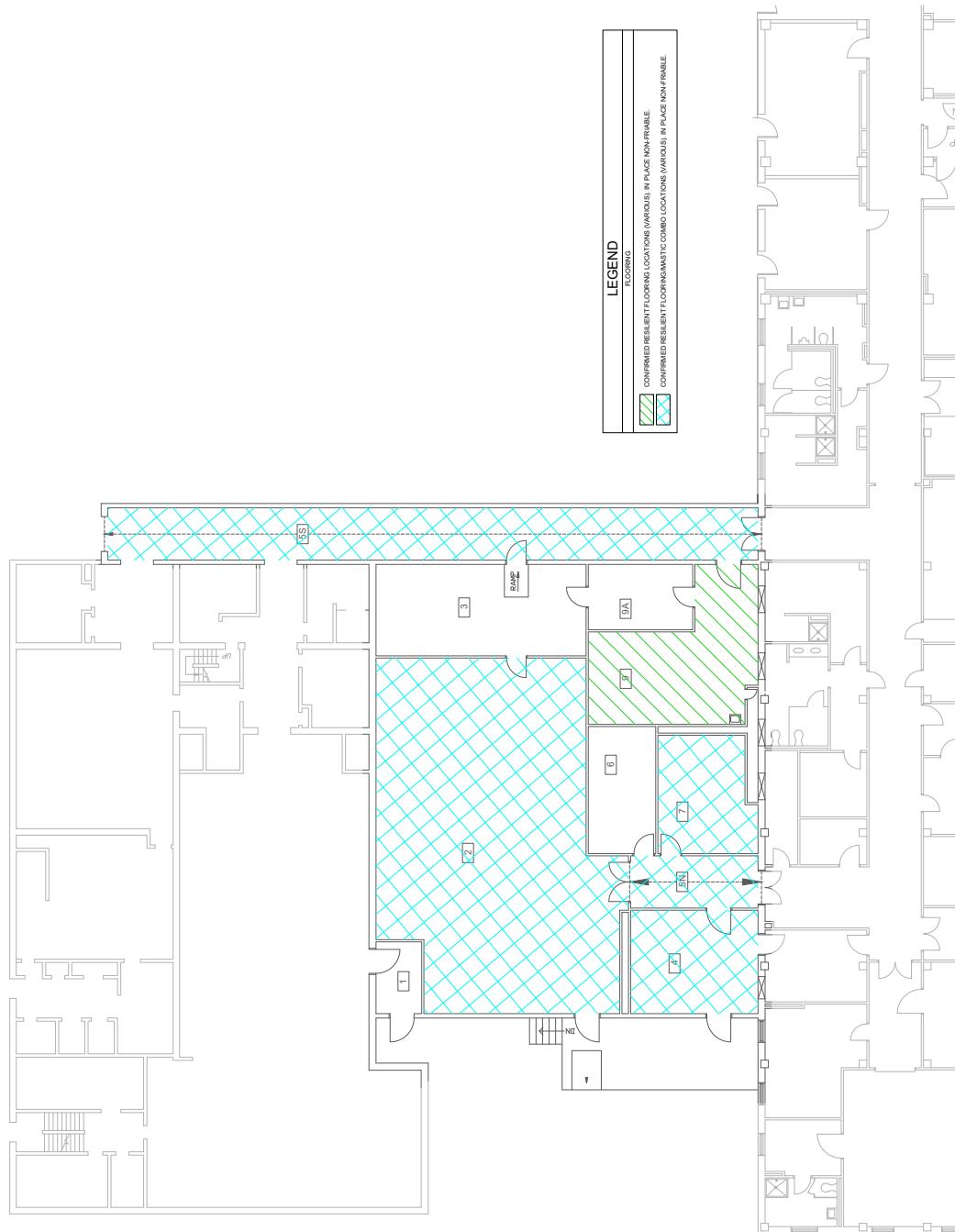


Figure 20-2

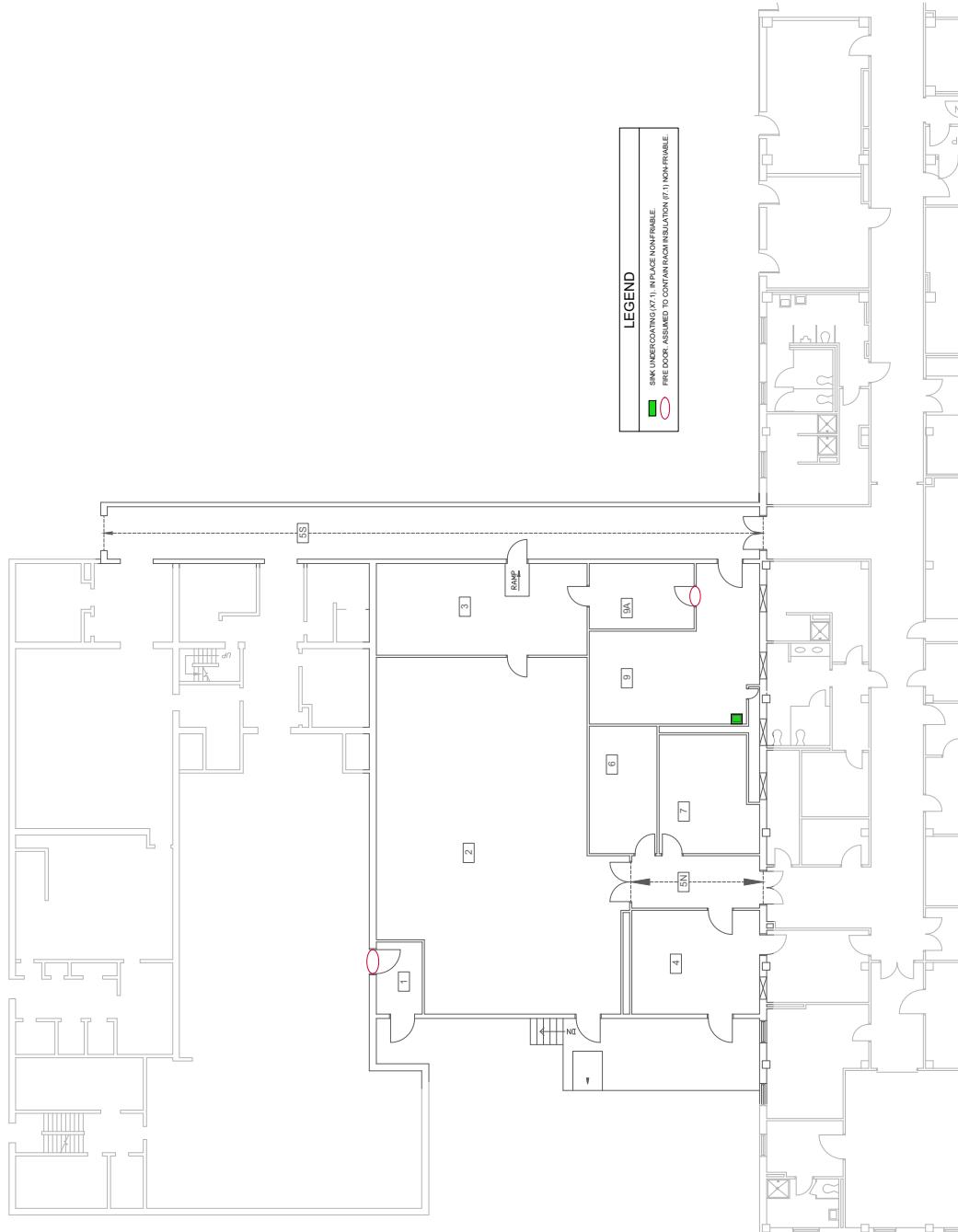
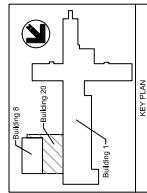
Miles City, Montana  
VA Hospital - Building 20  
Confirmed/Assumed Asbestos-Containing Materials - Miles.



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL  
GREAT FALLS, MT  
(406)452-3321  
Fax (406)454-1873

DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
CTA #: \_\_\_\_\_  
GENEVA0098  
C.D. FILE: \_\_\_\_\_  
D.R. \_\_\_\_\_  
GEHEM0059

SHEET  
Figure 20-3





INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

## APPENDIX C

### Data Tables

**TABLE 1**  
**Confirmed and Assumed Asbestos-Containing Materials Summary**  
Miles City VA Hospital - Building 1

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Floor / Ceiling / Other		Walls		Room Perimeter / Pipe Length	
						Area (SF)	ACM Coverage (%)	Quantity (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 114	690	90%	621	1900	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 114A	60	100%	60	300	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 117	1725	50%	862.5	4500	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 117E	90	95%	85.5	400	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 121A	40	100%	40	300	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 123	350	90%	315	1050	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 126A	25	100%	25	200	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 131	135	100%	135	500	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 131A	130	100%	130	500	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 136	2250	85%	1912.5	5650	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 200	1675	90%	1507.5	4100	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 213	320	90%	288	950	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 213A	20	100%	20	200	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 217A	35	100%	35	250	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 217A	35	90%	31.5	250	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 218	185	100%	185	650	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 219A	30	100%	30	200	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 220	535	100%	535	1050	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 234	1110	90%	999	2950	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 252	1060	40%	424	2950	0%
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 257	310	75%	232.5	900	0%

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 263	440	90%	396	1600	0%	0	160	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 263A	30	100%	30	200	0%	0	20	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 264	170	100%	170	550	0%	0	55	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 265	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 266	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 303	215	100%	215	750	0%	0	75	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 307	810	90%	729	2200	0%	0	220	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 307A	140	100%	140	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 308	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 309	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 310	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 311	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 312	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 313	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 314	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 315	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 316	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 317	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 318	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 319	135	100%	135	550	0%	0	55	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 320	135	100%	135	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 321	125	100%	125	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 333	675	90%	607.5	1850	0%	0	185	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 341	450	90%	405	1300	0%	0	130	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 341C	315	100%	315	900	0%	0	90	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 342	80	100%	80	350	0%	0	35	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 348	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 358	130	100%	130	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 360	125	100%	125	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 365	3	30%	0.9	250	0%	0	25	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 401	140	100%	140	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 402	155	100%	155	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 403	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 404	160	100%	160	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 405	140	100%	140	550	0%	0	55	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 407	1550	90%	1395	4050	0%	0	405	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 407B	280	90%	252	700	0%	0	70	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 407C	140	100%	140	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 408	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 409	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 410	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 411	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 412	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 413	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 414	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 415	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 416	150	100%	150	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 417	150	100%	150	500	0%	0	50	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 418	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 419	140	100%	140	550	0%	0	55	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 421	165	50%	82.5	550	0%	0	55	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 422	225	50%	112.5	600	0%	0	60	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 423B	140	70%	98	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 425	95	100%	95	300	0%	0	30	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 438	145	100%	145	500	0%	0	50	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 443	75	100%	75	350	0%	0	35	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 443B	60	100%	60	300	0%	0	30	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 444	400	100%	400	900	0%	0	90	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 447	320	50%	160	750	0%	0	75	0%	0
1-F1.1	Resilient Flooring	Off-white to light gray 9-inch floor tile with black streaks.	6% Chrysotile	RACM	Non-Friable	Room 449	195	50%	97.5	600	0%	0	60	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 117	1725	10%	172.5	4500	0%	0	450	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 117E	90	5%	4.5	400	0%	0	40	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 123	350	10%	35	1050	0%	0	105	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 136	2250	10%	225	5650	0%	0	565	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 200	1675	10%	167.5	4100	0%	0	410	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 213	320	10%	32	950	0%	0	95	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 217	195	10%	19.5	650	0%	0	65	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 234	1110	10%	111	2950	0%	0	295	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 252	1060	10%	106	2950	0%	0	295	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 263	440	10%	44	1600	0%	0	160	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 307	810	10%	81	2200	0%	0	220	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 333	675	10%	67.5	1850	0%	0	185	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 341	450	10%	45	1300	0%	0	130	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 365	30	5%	1.5	250	0%	0	25	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 407	1550	10%	155	4050	0%	0	405	0%	0
1-F1.2	Resilient Flooring	Black 9-inch (and 9-inch by 18-inch border) tile with white streaks.	6% Chrysotile	RACM	Non-Friable	Room 407B	280	10%	28	700	0%	0	70	0%	0
1-F1.3	Resilient Flooring	Off-white 9-inch floor tile with black streaks.	4% Chrysotile	RACM	Non-Friable	Room 114	690	10%	69	1900	0%	0	190	0%	0
1-F1.3	Resilient Flooring	Off-white 9-inch floor tile with black streaks.	4% Chrysotile	RACM	Non-Friable	Room 136	2250	5%	112.5	5650	0%	0	565	0%	0
1-F1.3	Resilient Flooring	Off-white 9-inch floor tile with black streaks.	4% Chrysotile	RACM	Non-Friable	Room 257	310	25%	77.5	900	0%	0	90	0%	0
1-F1.3	Resilient Flooring	Off-white 9-inch floor tile with black streaks.	4% Chrysotile	RACM	Non-Friable	Room 365	30	5%	1.5	250	0%	0	25	0%	0
1-F1.3	Resilient Flooring	Off-white 9-inch floor tile with black streaks.	4% Chrysotile	RACM	Non-Friable	Room 423B	140	30%	42	500	0%	0	50	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 220	535	100%	53.5	1050	0%	0	105	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 267	70	100%	70	350	0%	0	35	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 274	130	100%	130	500	0%	0	50	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 350	175	100%	17.5	550	0%	0	55	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 350A	90	100%	90	500	0%	0	50	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 351	160	100%	160	500	0%	0	50	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 353	85	67%	56.95	450	0%	0	45	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 421	170	50%	85	550	0%	0	55	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 422	220	50%	110	600	0%	0	60	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and black streaks.	5% Chrysotile	RACM	Non-Friable	Room 447	320	50%	160	750	0%	0	75	0%	0
1-F1.4	Resilient Flooring	Green 9-inch floor tile with white and darker green streaks.	5% Chrysotile	RACM	Non-Friable	Room 449	220	50%	110	800	0%	0	80	0%	0
1-F2.16	Resilient Flooring	Olive-green 12-inch floor tile with white and darker green streaks.	3% Chrysotile	RACM	Non-Friable	Room 165B	155	100%	15.5	550	0%	0	55	0%	0
1-F2.16	Resilient Flooring	Olive-green 12-inch floor tile with white and darker green streaks.	3% Chrysotile	RACM	Non-Friable	Room 177A	65	100%	65	350	0%	0	35	0%	0
1-F2.18	Resilient Flooring	Brownish-red 12-inch floor tile with red, brown, and white mottles.	4% Chrysotile	RACM	Non-Friable	Room 201	840	100%	840	1200	0%	0	120	0%	0
1-F2.19	Resilient Flooring	Off-white T2-inch floor tile with olive and white splotches.	4% Chrysotile	RACM	Non-Friable	Room 209	120	100%	120	450	0%	0	45	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other		Walls		Room Perimeter / Pipe Length	
							Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Quantity (SF)
1-F2.19	Resilient Flooring	Off-white 12-inch floor tile with olive and white splotches.	4% Chrysotile	RACM	Non-Friable	Room 210	325	100%	325	0%	0	80
1-F2.19	Resilient Flooring	Off-white 12-inch floor tile with olive and white splotches.	4% Chrysotile	RACM	Non-Friable	Room 210B	70	100%	70	0%	0	35
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 101C	90	66%	59.4	450	0%	0
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 322	350	100%	350	800	0%	80
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 322A	580	100%	580	1200	0%	120
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 322B	160	100%	160	550	0%	55
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 355A	70	100%	70	450	0%	45
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 356	75	100%	75	450	0%	45
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 356B	30	100%	30	200	0%	20
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 356C	60	100%	60	300	0%	30
1-F2.4	Resilient Flooring	Cream colored 12-inch floor tile with tan striated streaks.	4% Chrysotile	RACM	Non-Friable	Room 377	95	100%	95	600	0%	60
1-F2.5	Resilient Flooring	Brownish 12-inch floor tile with splotches of various shades of tan.	4% Chrysotile	RACM	Non-Friable	Room 105A	125	100%	125	450	0%	45
1-F2.5	Resilient Flooring	Brownish 12-inch floor tile with splotches of various shades of tan.	4% Chrysotile	RACM	Non-Friable	Room 322	350	2%	7	800	0%	80
1-F2.5	Resilient Flooring	Brownish 12-inch floor tile with splotches of various shades of tan.	4% Chrysotile	RACM	Non-Friable	Room 322A	580	2%	11.6	1200	0%	120
1-F2.5	Resilient Flooring	Brownish 12-inch floor tile with splotches of various shades of tan.	4% Chrysotile	RACM	Non-Friable	Room 322B	160	2%	3.2	550	0%	55
1-F2.5	Resilient Flooring	Brownish 12-inch floor tile with splotches of various shades of tan.	4% Chrysotile	RACM	Non-Friable	Room 378	240	100%	240	750	0%	75
1-F4.1	Resilient Flooring	White sheet floor with small yellow and green mottles and gray backing.	20% Chrysotile	RACM	Non-Friable	Room 100	2880	33%	950.4	3000	0%	300
1-F4.1	Resilient Flooring	White sheet floor with small yellow and green mottles and gray backing.	20% Chrysotile	RACM	Non-Friable	Room 100F	130	100%	130	500	0%	50
1-F4.2	Resilient Flooring	Sheet floor with wooden plank appearance and gray backing.	25% Chrysotile	RACM	Non-Friable	Room 101B	75	100%	75	350	0%	35
1-F4.2	Resilient Flooring	Sheet floor with wooden plank appearance and gray backing.	25% Chrysotile	RACM	Non-Friable	Room 101C	90	33%	29.7	450	0%	45
1-H1.1	HVAC Seam Paste	Tan/yellow.	2% Chrysotile	RACM	Friable	Crawl space below Corridor	220	1%	2.2			
1-H1.1	HVAC Seam Paste	Tan/yellow.	2% Chrysotile	RACM	Friable	North Wing, Air Unknown Quantity						
1-H1.1	HVAC Seam Paste	Tan/yellow.	2% Chrysotile	RACM	Friable	Room 451	1850	1%	18.5			

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 117	Approximate Number of Joints: 9								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 114C	Approximate Number of Joints: 12								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 114	Approximate Number of Joints: 9								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 118B	Approximate Number of Joints: 7								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 118C	Approximate Number of Joints: 18								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 118	Approximate Number of Joints: 14								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 120	Approximate Number of Joints: 24								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 117D	Approximate Number of Joints: 10								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 121A	Approximate Number of Joints: 2								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 136	Approximate Number of Joints: 24								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 121	Approximate Number of Joints: 23								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 111A	Approximate Number of Joints: 1								
1-I3-2	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 111C	Approximate Number of Joints: 15								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 111D	Approximate Number of Joints: 1								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 122C	Approximate Number of Joints:	4							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 122G	Approximate Number of Joints:	4							
1-I3-2	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 124	Approximate Number of Joints:	6							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 125	Approximate Number of Joints:	10							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 126	Approximate Number of Joints:	20							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 129	Approximate Number of Joints:	11							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 125A	Approximate Number of Joints:	24							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 125	Approximate Number of Joints:	9							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 131A	Approximate Number of Joints:	2							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 131	Approximate Number of Joints:	13							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 132	Approximate Number of Joints:	8							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 134	Approximate Number of Joints:	2							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 134A	Approximate Number of Joints:	17							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 135	Approximate Number of Joints:	4							

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 137	Approximate Number of Joints: 10								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 138	Approximate Number of Joints: 18								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 139	Approximate Number of Joints: 39								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 140	Approximate Number of Joints: 13								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 140A	Approximate Number of Joints: 18								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 141	Approximate Number of Joints: 33								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 142	Approximate Number of Joints: 40								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 142A	Approximate Number of Joints: 10								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 143	Approximate Number of Joints: 35								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 144	Approximate Number of Joints: 9								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 145	Approximate Number of Joints: 4								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 146	Approximate Number of Joints: 17								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 147	Approximate Number of Joints: 12								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 150	Approximate Number of Joints: 21								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 151	Approximate Number of Joints: 16								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 157A	Approximate Number of Joints: 20								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 158	Approximate Number of Joints: 5								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 159	Approximate Number of Joints: 2								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 160	Approximate Number of Joints: 6								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 157	Approximate Number of Joints: 6								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 162	Approximate Number of Joints: 10								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 163A	Approximate Number of Joints: 2								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 163B	Approximate Number of Joints: 8								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 164	Approximate Number of Joints: 20								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 167A	Approximate Number of Joints: 4								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 168	Approximate Number of Joints: 13								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 170	Approximate Number of Joints: 4								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 172	Approximate Number of Joints: 6								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 174	Approximate Number of Joints: 17								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 175	Approximate Number of Joints: 12								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 176	Approximate Number of Joints: 10								
1-I3-2	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 177	Approximate Number of Joints: 6								
1-I3-3	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 178	Approximate Number of Joints: 4								
1-I3-4	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 178A	Approximate Number of Joints: 6								
1-I3-5	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 179	Approximate Number of Joints: 2								
1-I3-6	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 180	Approximate Number of Joints: 10								
1-I3-7	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 181	Approximate Number of Joints: 20								
1-I3-8	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 182	Approximate Number of Joints: 23								
1-I3-9	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 182A	Approximate Number of Joints: 12								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 156	Approximate Number of Joints: 7								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 183	Approximate Number of Joints: 25								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 201	Approximate Number of Joints: 50								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 202	Approximate Number of Joints:	9							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 200A	Approximate Number of Joints:	10							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 203	Approximate Number of Joints:	7							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 200	Approximate Number of Joints:	20							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 204	Approximate Number of Joints:	12							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 205	Approximate Number of Joints:	15							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 205A	Approximate Number of Joints:	3							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 206	Approximate Number of Joints:	10							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 206A	Approximate Number of Joints:	5							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 207	Approximate Number of Joints:	6							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 208	Approximate Number of Joints:	10							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 209	Approximate Number of Joints:	7							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 200B	Approximate Number of Joints:	1							
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 214	Approximate Number of Joints:	9							

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 216	Approximate Number of Joints:	2							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 216A	Approximate Number of Joints:	4							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 225	Approximate Number of Joints:	6							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 226	Approximate Number of Joints:	3							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 226A	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 226B	Approximate Number of Joints:	3							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 228	Approximate Number of Joints:	3							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 229	Approximate Number of Joints:	5							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 230	Approximate Number of Joints:	12							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 231	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 232	Approximate Number of Joints:	7							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 233	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 233A	Approximate Number of Joints:	2							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 234	Approximate Number of Joints:	3							

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 236	Approximate Number of Joints: 11								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 237	Approximate Number of Joints: 13								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 238	Approximate Number of Joints: 7								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 240	Approximate Number of Joints: 4								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 241	Approximate Number of Joints: 4								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 242	Approximate Number of Joints: 5								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 246	Approximate Number of Joints: 22								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 247	Approximate Number of Joints: 1								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 247A	Approximate Number of Joints: 7								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 248	Approximate Number of Joints: 13								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 249	Approximate Number of Joints: 8								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 250	Approximate Number of Joints: 19								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 252C	Approximate Number of Joints: 3								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 255	Approximate Number of Joints: 3								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 256	Approximate Number of Joints: 9								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 262	Approximate Number of Joints: 11								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 263	Approximate Number of Joints: 18								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 264	Approximate Number of Joints: 18								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 265	Approximate Number of Joints: 3								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 266	Approximate Number of Joints: 6								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 267	Approximate Number of Joints: 4								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 268	Approximate Number of Joints: 13								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 269	Approximate Number of Joints: 4								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 269A	Approximate Number of Joints: 4								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 270A	Approximate Number of Joints: 9								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 271	Approximate Number of Joints: 10								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 272	Approximate Number of Joints: 13								
1-I3-1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 273	Approximate Number of Joints: 6								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 274	Approximate Number of Joints: 27								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 275	Approximate Number of Joints: 16								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 276	Approximate Number of Joints: 14								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 277	Approximate Number of Joints: 17								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 277B	Approximate Number of Joints: 6								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 278	Approximate Number of Joints: 15								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 279	Approximate Number of Joints: 11								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 280	Approximate Number of Joints: 10								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 301	Approximate Number of Joints: 18								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 302	Approximate Number of Joints: 4								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 304	Approximate Number of Joints: 30								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 306	Approximate Number of Joints: 8								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 307	Approximate Number of Joints: 22								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 308	Approximate Number of Joints: 9								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 309	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 310	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 311	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 312	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 313	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 314	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 315	Approximate Number of Joints:	8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 316	Approximate Number of Joints:	7							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 317	Approximate Number of Joints:	7							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 319	Approximate Number of Joints:	7							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 320	Approximate Number of Joints:	6							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 321	Approximate Number of Joints:	4							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 322	Approximate Number of Joints:	18							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 322A	Approximate Number of Joints:	32							

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
						Room <sup>3</sup>	Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)	Length (LF)	ACM Coverage (%)	Quantity (LF)	
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 322B	Approximate Number of Joints: 15							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 323	Approximate Number of Joints: 6							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 324	Approximate Number of Joints: 16							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 325	Approximate Number of Joints: 8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 326	Approximate Number of Joints: 10							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 327	Approximate Number of Joints: 10							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 328	Approximate Number of Joints: 8							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 329	Approximate Number of Joints: 7							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 330	Approximate Number of Joints: 6							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 331	Approximate Number of Joints: 13							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 332	Approximate Number of Joints: 4							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 332A	Approximate Number of Joints: 6							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 333	Approximate Number of Joints: 29							
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 335	Approximate Number of Joints: 3							

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 337	Approximate Number of Joints: 7								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 339	Approximate Number of Joints: 11								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 339A	Approximate Number of Joints: 4								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 341	Approximate Number of Joints: 2								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 341B	Approximate Number of Joints: 5								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 341C	Approximate Number of Joints: 9								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 345	Approximate Number of Joints: 22								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 346	Approximate Number of Joints: 17								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 307A	Approximate Number of Joints: 6								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 347	Approximate Number of Joints: 6								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 348	Approximate Number of Joints: 6								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 350	Approximate Number of Joints: 8								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 350A	Approximate Number of Joints: 2								
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 350B	Approximate Number of Joints: 14								

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Floor / Ceiling / Other		Walls		Room Perimeter / Pipe Length	
						Room <sup>3</sup>	Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)	Quantity (LF)
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 307B	Approximate Number of Joints:	2			
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 351	Approximate Number of Joints:	19			
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 354	Approximate Number of Joints:	2			
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 365	Approximate Number of Joints:	1			
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 380	Approximate Number of Joints:	5			
1-I3.1	TSI	Muddled Joint Fittings	30% Chrysotile; 8% Amosite	RACM	Friable	Room 382	Approximate Number of Joints:	1			
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 111A				Approximate Lineal Feet of TSI:	20
1-I4.1 / 1-I4.3	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 111C				Approximate Lineal Feet of TSI:	120
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 114				Approximate Lineal Feet of TSI:	55
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 114C				Approximate Lineal Feet of TSI:	70
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 117				Approximate Lineal Feet of TSI:	35
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 117D				Approximate Lineal Feet of TSI:	30
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 118				Approximate Lineal Feet of TSI:	75
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1; 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 118A				Approximate Lineal Feet of TSI:	10

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 118B								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 118C								Approximate Lineal Feet of TSI:	140
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 120								Approximate Lineal Feet of TSI:	65
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 120								Approximate Lineal Feet of TSI:	105
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 121								Approximate Lineal Feet of TSI:	150
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 121A								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 122A								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 122D								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 122G								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 125								Approximate Lineal Feet of TSI:	110
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 125A								Approximate Lineal Feet of TSI:	170
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 126								Approximate Lineal Feet of TSI:	125
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 129								Approximate Lineal Feet of TSI:	45
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 131								Approximate Lineal Feet of TSI:	75

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 131A								Approximate Lineal Feet of TSI:	15
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 132								Approximate Lineal Feet of TSI:	115
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 134								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 134A								Approximate Lineal Feet of TSI:	75
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 134B								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 135								Approximate Lineal Feet of TSI:	115
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 136								Approximate Lineal Feet of TSI:	115
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 136								Approximate Lineal Feet of TSI:	115
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 137								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 138								Approximate Lineal Feet of TSI:	145
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 139								Approximate Lineal Feet of TSI:	220
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 140								Approximate Lineal Feet of TSI:	85
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 140A								Approximate Lineal Feet of TSI:	100
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 141								Approximate Lineal Feet of TSI:	190
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 142								Approximate Lineal Feet of TSI:	200

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 142A								Approximate Lineal Feet of TSI:	100
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 143								Approximate Lineal Feet of TSI:	240
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 144								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 145								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 146								Approximate Lineal Feet of TSI:	85
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 147								Approximate Lineal Feet of TSI:	70
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 150								Approximate Lineal Feet of TSI:	115
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 151								Approximate Lineal Feet of TSI:	90
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 153								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 156								Approximate Lineal Feet of TSI:	70
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 157								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 157A								Approximate Lineal Feet of TSI:	210
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 158								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 159								Approximate Lineal Feet of TSI:	10

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 160								Approximate Lineal Feet of TSI:	15
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 162								Approximate Lineal Feet of TSI:	80
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 163A								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 163B								Approximate Lineal Feet of TSI:	85
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 164								Approximate Lineal Feet of TSI:	145
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 165								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 165B								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 167A								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 168								Approximate Lineal Feet of TSI:	120
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 170								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 172								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 174								Approximate Lineal Feet of TSI:	90
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 175								Approximate Lineal Feet of TSI:	75
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 176								Approximate Lineal Feet of TSI:	40

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 177								Approximate Lineal Feet of TSI:	78
1-14.1 / 1-14.3	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 178								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.4	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 178A								Approximate Lineal Feet of TSI:	48
1-14.1 / 1-14.5	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 179								Approximate Lineal Feet of TSI:	32
1-14.1 / 1-14.6	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 180								Approximate Lineal Feet of TSI:	80
1-14.1 / 1-14.7	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 181								Approximate Lineal Feet of TSI:	110
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 182								Approximate Lineal Feet of TSI:	105
1-14.1 / 1-14.3	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 182A								Approximate Lineal Feet of TSI:	170
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 183								Approximate Lineal Feet of TSI:	175
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 185								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 200								Approximate Lineal Feet of TSI:	55
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 200B								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 201								Approximate Lineal Feet of TSI:	450
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 202								Approximate Lineal Feet of TSI:	75

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 203								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 204								Approximate Lineal Feet of TSI:	80
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 205								Approximate Lineal Feet of TSI:	85
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 205A								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 206								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 207								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 208								Approximate Lineal Feet of TSI:	45
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 209								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 226								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 226A								Approximate Lineal Feet of TSI:	105
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 226B								Approximate Lineal Feet of TSI:	45
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 228								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 229								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 230								Approximate Lineal Feet of TSI:	105

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 231								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 232								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 233								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 233A								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 234								Approximate Lineal Feet of TSI:	565
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 234A								Approximate Lineal Feet of TSI:	15
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 235								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 236								Approximate Lineal Feet of TSI:	75
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 237								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 238								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 240								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 241								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 242								Approximate Lineal Feet of TSI:	15
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 246								Approximate Lineal Feet of TSI:	170

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 247A								Approximate Lineal Feet of TSI:	15
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 248								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 249								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 250								Approximate Lineal Feet of TSI:	120
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 252C								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 253								Approximate Lineal Feet of TSI:	145
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 255								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 256								Approximate Lineal Feet of TSI:	65
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 262								Approximate Lineal Feet of TSI:	105
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 264								Approximate Lineal Feet of TSI:	70
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 265								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 266								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 267								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 268								Approximate Lineal Feet of TSI:	55

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 269								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 269A								Approximate Lineal Feet of TSI:	15
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 270A								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 271								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 272								Approximate Lineal Feet of TSI:	125
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 273								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 274								Approximate Lineal Feet of TSI:	140
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 275								Approximate Lineal Feet of TSI:	75
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 276								Approximate Lineal Feet of TSI:	90
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 277								Approximate Lineal Feet of TSI:	90
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 277B								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 278								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 279								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 280								Approximate Lineal Feet of TSI:	50

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 301								Approximate Lineal Feet of TSI:	100
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 304								Approximate Lineal Feet of TSI:	130
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 306								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 307								Approximate Lineal Feet of TSI:	530
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 307A								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 307B								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 308								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 309								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 310								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 311								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 312								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 313								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 314								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 315								Approximate Lineal Feet of TSI:	35

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 316								Approximate Lineal Feet of TSI:	45
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 317								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 319								Approximate Lineal Feet of TSI:	55
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 320								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 321								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 322								Approximate Lineal Feet of TSI:	90
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 322A								Approximate Lineal Feet of TSI:	185
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 322B								Approximate Lineal Feet of TSI:	135
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 323								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 324								Approximate Lineal Feet of TSI:	165
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 325								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 326								Approximate Lineal Feet of TSI:	55
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 327								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 328								Approximate Lineal Feet of TSI:	50

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 329								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 330								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 331								Approximate Lineal Feet of TSI:	70
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 332								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 332A								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 333								Approximate Lineal Feet of TSI:	145
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 334								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 335								Approximate Lineal Feet of TSI:	30
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 337A								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 337								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 339								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 339A								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 341								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 341B								Approximate Lineal Feet of TSI:	65

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 341C								Approximate Lineal Feet of TSI:	50
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 342A								Approximate Lineal Feet of TSI:	20
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 344								Approximate Lineal Feet of TSI:	25
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 345								Approximate Lineal Feet of TSI:	160
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 346								Approximate Lineal Feet of TSI:	155
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 347								Approximate Lineal Feet of TSI:	40
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 348								Approximate Lineal Feet of TSI:	35
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 350A								Approximate Lineal Feet of TSI:	60
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 350B								Approximate Lineal Feet of TSI:	85
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 351								Approximate Lineal Feet of TSI:	155
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 353								Approximate Lineal Feet of TSI:	5
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 354								Approximate Lineal Feet of TSI:	10
1-14.1 / 1-14.2	TSI	Air-cell (1-14.1) and Magnesia (1-14.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-14.2)	RACM	Friable	Room 365								Approximate Lineal Feet of TSI:	20
														Room Perimeter / Pipe Length	

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHPA Condition	Room <sup>3</sup>	Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 374							Approximate Lineal Feet of TSI:	50
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 379							Approximate Lineal Feet of TSI:	20
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 379A							Approximate Lineal Feet of TSI:	30
1-I4.1 / 1-I4.2	TSI	Air-cell (1-I4.1) and Magnesia (1-I4.2) insulation on straight piping. Indistinguishable through wrapping.	I4.1); 20% Chrysotile & 3% Amosite (1-I4.2)	RACM	Friable	Room 380							Approximate Lineal Feet of TSI:	25
1-M1.3	Mastic	Black and/or tan mastic beneath 9-inch ACM floor tiles (1-F1.3).	4% Chrysotile	RACM	Non-Friable	Room 114	690	10%	69	1900	0%	0	190	0%
1-M1.3	Mastic	Black and/or tan mastic beneath 9-inch ACM floor tiles (1-F1.3).	4% Chrysotile	RACM	Non-Friable	Room 136	2250	5%	112.5	5650	0%	0	565	0%
1-M1.3	Mastic	Black and/or tan mastic beneath 9-inch ACM floor tiles (1-F1.3).	4% Chrysotile	RACM	Non-Friable	Room 257	310	25%	77.5	900	0%	0	90	0%
1-M1.3	Mastic	Black and/or tan mastic beneath 9-inch ACM floor tiles (1-F1.3).	4% Chrysotile	RACM	Non-Friable	Room 365	30	5%	1.5	250	0%	0	25	0%
1-M1.3	Mastic	Black and/or tan mastic beneath 9-inch ACM floor tiles (1-F1.3).	4% Chrysotile	RACM	Non-Friable	Room 423B	140	30%	42	500	0%	0	50	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 220	535	100%	53.5	1050	0%	0	105	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 267	70	100%	70	350	0%	0	35	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 274	130	100%	13.0	500	0%	0	50	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 350	175	100%	17.5	550	0%	0	55	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 350A	90	100%	9.0	500	0%	0	50	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 351	160	100%	16.0	500	0%	0	50	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 353	85	67%	56.95	500	0%	0	50	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 421	170	50%	85	550	0%	0	55	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 422	220	50%	110	600	0%	0	60	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 447	320	50%	160	750	0%	0	75	0%
1-M1.4	Mastic	Black mastic beneath 9-inch ACM floor tile (1-F1.4).	3% Chrysotile	RACM	Non-Friable	Room 449	220	50%	110	800	0%	0	80	0%
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 100C	80	50%	40	400	0%	0	40	0%
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 163A	145	100%	14.5	450	0%	0	45	0%

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 186	400	100%	400	900	0%	0	90	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 187	75	100%	75	350	0%	0	35	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 200B	60	100%	60	350	0%	0	35	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 202	140	100%	140	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 203	145	100%	145	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 204	185	100%	185	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 205	240	100%	240	650	0%	0	65	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 206	265	100%	265	650	0%	0	65	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 207	170	100%	170	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 208	145	100%	145	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 214	250	100%	250	650	0%	0	65	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 215	240	100%	240	750	0%	0	75	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 216	425	100%	425	850	0%	0	85	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 224	205	100%	205	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 225	200	100%	200	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 245	125	100%	125	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 246	320	100%	320	800	0%	0	80	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 247	60	100%	60	350	0%	0	35	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 247A	40	100%	40	250	0%	0	25	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 248	235	100%	235	650	0%	0	65	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 249	230	100%	230	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 254	135	100%	135	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 270	75	100%	75	350	0%	0	35	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 270A	55	100%	55	300	0%	0	30	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)	Quantity (LF)
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 271	135	100%	135	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 275	155	100%	155	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 276	210	100%	210	750	0%	0	75	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 278	200	100%	200	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 323	135	100%	135	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 324	170	100%	170	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 325	155	100%	155	500	0%	0	50	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 326	150	100%	150	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 327	300	100%	300	700	0%	0	70	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 328	170	100%	170	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 329	170	100%	170	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 330	170	100%	170	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 331	165	100%	165	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 332	170	100%	170	550	0%	0	55	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 333A	65	100%	65	350	0%	0	35	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 337	190	100%	190	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 339	190	100%	190	600	0%	0	60	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 339A	20	100%	20	200	0%	0	20	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 341B	45	100%	45	300	0%	0	30	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 341C	315	100%	315	900	0%	0	90	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 333	85	33%	28.05	450	0%	0	45	0%	0
1-M2.1	Mastic	Black mastic beneath Non-ACM 12-inch floor tile (F2.1).	3% Chrysotile	RACM	Non-Friable	Room 364	150	100%	150	650	0%	0	65	0%	0
1-M2.18	Mastic	Black mastic beneath 12-inch ACM floor tiles (1-F2.18).	5% Chrysotile	RACM	Non-Friable	Room 201	840	100%	840	1200	0%	0	120	0%	0
1-M2.19	Mastic	Black mastic beneath 12-inch ACM floor tiles (1-F2.19).	4% Chrysotile	RACM	Non-Friable	Room 209	120	100%	120	450	0%	0	45	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length		
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
1-M2.19	Mastic	Black mastic beneath 12-inch ACM floor tiles (1-F2.19).	4% Chrysotile	RACM	Non-Friable	Room 210	325	100%	325	800	0%	0	80	0%	0
1-M2.19	Mastic	Black mastic beneath 12-inch ACM floor tiles (1-F2.19).	4% Chrysotile	RACM	Non-Friable	Room 210B	70	100%	70	350	0%	0	35	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 101B	75	100%	75	350	0%	0	35	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 101C	90	33%	29.7	450	0%	0	45	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 101C	90	67%	60.3	450	0%	0	45	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 322	350	100%	350	800	0%	0	80	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 322A	580	100%	580	1200	0%	0	120	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 322B	160	100%	160	550	0%	0	55	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 355A	70	100%	70	450	0%	0	45	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 356	75	100%	75	450	0%	0	45	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 356B	30	100%	30	200	0%	0	20	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 356C	60	100%	60	300	0%	0	30	0%	0
1-M2.4	Mastic	Black and/or tan mastic beneath 12-inch ACM floor tiles (1-F2.4).	4% Chrysotile	RACM	Non-Friable	Room 377	95	100%	95	600	0%	0	60	0%	0
1-M4.8	Mastic	Tan mastic over historic black mastic, beneath Non-ACM sheet floor (F4.8).	3% Chrysotile	RACM	Non-Friable	Room 277	215	100%	215	750	0%	0	75	0%	0
1-M8.3	Mastic	Black mastic adhering counter tops to cabinets and to walls.	5% Chrysotile	RACM	Non-Friable	Room 235	Approximate Square Feet of Mastic: 30			Approximate Square Feet of Mastic: 5					
1-M8.3	Mastic	Black mastic adhering counter tops to cabinets and to walls.	5% Chrysotile	RACM	Non-Friable	Room 236									
1-M8.4	Mastic	Amber mastic behind wood wall panels.	3% Chrysotile	RACM	Non-Friable	Room 128	145	75%	108.75	500	0%	0	50	0%	0
1-M8.4	Mastic	Amber mastic behind wood wall panels.	3% Chrysotile	RACM	Non-Friable	Room 130	145	25%	36.25	500	0%	0	50	0%	0
1-M9.5	Mastic	Black mastic adhering 2-feet by 4-feet acoustic tiles to walls.	2% Chrysotile	RACM	Non-Friable	Room 124	200	100%	200	650	25%	162.5	65	0%	0
1-M9.5	Mastic	Black mastic adhering 2-feet by 4-feet acoustic tiles to walls.	2% Chrysotile	RACM	Non-Friable	Room 112	475	15%	71.25	900	0%	0	90	0%	0
1-M9.5	Mastic	Black mastic adhering 2-feet by 4-feet acoustic tiles to walls.	2% Chrysotile	RACM	Non-Friable	Room 126A	25	100%	25	200	100%	200	20	0%	0
1-T1.1	Surface Texture	"Popcorn" ceiling/wall texture.	2% Chrysotile	RACM	Friable	Room 100	2880	100%	2880	3000	20%	600	300	0%	0
1-T1.1	Surface Texture	"Popcorn" ceiling/wall texture.	2% Chrysotile	RACM	Friable	Room 100A	180	100%	180	550	0%	0	55	0%	0
1-T1.1	Surface Texture	"Popcorn" ceiling/wall texture.	2% Chrysotile	RACM	Friable	Room 100C	80	50%	40	400	0%	0	40	0%	0

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>	DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other			Walls			Room Perimeter / Pipe Length			
							Area (SF)	ACM Coverage (%)	Quantity (SF)	Area (SF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)	
1-T1.1	Surface Texture	"Popcorn" ceiling/wall texture.	2% Chrysotile	RACM	Friable	Room 100D	240	100%	240	660	0%	0	66	0%	0	
1-T1.1	Surface Texture	"Popcorn" ceiling/wall texture.	2% Chrysotile	RACM	Friable	Room 100F	130	100%	130	500	75%	375	50	0%	0	
1-T1.1	Surface Texture	"Popcorn" ceiling/wall texture.	2% Chrysotile	RACM	Friable	Room 100G	250	100%	250	650	0%	0	65	0%	0	
1-X2.1	Transite	Gray, 5/8-inch and 1/4-inch transite panels used as countertops.	70% Chrysotile	RACM	Non-Friable	Room 238	Approximate Square Feet of Transite:			Approximate Square Feet of Transite:			10			
1-X2.1	Transite	Gray, 5/8-inch and 1/4-inch transite panels used as countertops.	70% Chrysotile	RACM	Non-Friable	Room 262	Approximate Square Feet of Transite:			Approximate Square Feet of Transite:			60			
1-X2.2	Transite	Black, 1-inch transite countertops.	8% Chrysotile	RACM	Non-Friable	Room 233	Approximate Square Feet of Transite:			Approximate Square Feet of Transite:			25			
1-X2.2	Transite	Black, 1-inch transite countertops.	8% Chrysotile	RACM	Non-Friable	Room 233A	Approximate Square Feet of Transite:			Approximate Square Feet of Transite:			25			
1-X2.2	Transite	Black, 1-inch transite countertops.	8% Chrysotile	RACM	Non-Friable	Room 235	Approximate Square Feet of Transite:			Approximate Square Feet of Transite:			150			
1-X2.2	Transite	Black, 1-inch transite countertops.	8% Chrysotile	RACM	Non-Friable	Room 236	Approximate Square Feet of Transite:			Approximate Square Feet of Transite:			25			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 157A	2 Sinks:			2 Sinks:			6			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 232	2 Sinks:			2 Sinks:			6			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 237	1 Sink:			1 Sink:			3			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 252C	1 Sink:			1 Sink:			3			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 259	1 Sink:			1 Sink:			3			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 261	1 Sink:			1 Sink:			3			
1-X7.2	Sink Undercoating	Black spray-applied sink undercoating with "popcorn" texture.	<0.25 % Chrysotile	RACM	Non-Friable	Room 262	2 Sinks:			2 Sinks:			6			
1-X7.5	Sink Undercoating	Thick, mastic-like, black sink undercoating.	6% Chrysotile	RACM	Non-Friable	Room 177A	1 Sink and Countertops:			1 Sink and Countertops:			25			
1-X7.5	Sink Undercoating	Thick, mastic-like, black sink undercoating.	6% Chrysotile	RACM	Non-Friable	Room 358	1 Sink:			1 Sink:			3			
1-X7.5	Sink Undercoating	Thick, mastic-like, black sink undercoating.	6% Chrysotile	RACM	Non-Friable	Room 361	1 Sink:			1 Sink:			3			
1-X7.6	Sink Undercoating	Gray spray-applied sink undercoating with "popcorn" texture.	2% Chrysotile	RACM	Non-Friable	Room 109A	2 Sinks:			2 Sinks:			6			
1-X7.6	Sink Undercoating	Gray spray-applied sink undercoating with "popcorn" texture.	2% Chrysotile	RACM	Non-Friable	Room 249	1 Sink:			1 Sink:			3			

Notes:

General - All measurements (lengths, areas, unit counts, etc.) are approximate.

1 - The percentage of asbestos is reported based on PLM analysis using the EPA Method 600/R-93/116. Concentrations reported less than one percent (< 1%) have been determined using the 400 Point Count stipulation of the PLM Method.

2 - The Montana Department of Environmental Quality (DEQ) Category description is based on DEQ's definitions for Category I (non-friable), Category II (non-friable), and Regulated Asbestos Containing Material (RACM; friable). For the purpose of this report, the DEQ Category represents the anticipated condition of the material during removal.

3 - Room designations are based on site drawings provided to CTA by the VA. Some rooms were not labeled in VA drawings; unlabeled rooms were given arbitrary designations assigned in the field during the assessment.

**TABLE 2**  
**Summary of Non-ACM**  
**Miles City VA Hospital - Building 1**

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-B1.1 to 1-B1.10	Miscellaneous	Various colors of <u>ALL</u> 4-inch and 6-inch vinyl-composed base coves.	None Detected	Non-ACM	1
1-C1.1 to 1-C1.4	Miscellaneous	Various styles of <u>ALL</u> 2-foot by 2-foot ceiling tiles.	None Detected	Non-ACM	1
1-C2.1 to 1-C2.8	Miscellaneous	Various styles of <u>ALL</u> 2-foot by 4-foot ceiling tiles.	None Detected	Non-ACM	1
1-C3.1	Miscellaneous	Two varieties of 1-foot by 1-foot ceiling tiles with fissures and pinholes.	None Detected	Non-ACM	1
1-F1.6	Resilient Flooring	Olive hued 9-inch by 9-inch floor tiles with small olive and black mottles.	None Detected	Non-ACM	1
1-F2.1	Resilient Flooring	Off-white 12-inch by 12-inch floor tiles with tan mottles.	None Detected	Non-ACM	1
1-F2.2	Resilient Flooring	White 12-inch by 12-inch floor tiles with gray and black peppered splotches.	None Detected	Non-ACM	1
1-F2.3	Resilient Flooring	Light gray 12-inch by 12-inch floor tiles with splotches of differing shades of gray.	None Detected	Non-ACM	1
1-F2.6	Resilient Flooring	Gray 12-inch by 12-inch floor tiles with splotches of differing shades of gray.	None Detected	Non-ACM	1
1-F2.7	Resilient Flooring	White 12-inch by 12-inch floor tiles with splotches of differing shades of gray and white.	None Detected	Non-ACM	1
1-F2.8	Resilient Flooring	Pink 12-inch by 12-inch floor tiles with splotches of differing shades of red.	None Detected	Non-ACM	1
1-F2.9	Resilient Flooring	Turquoise 12-inch by 12-inch floor tiles with splotches of differing shades of green.	None Detected	Non-ACM	1

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-F2.10	Resilient Flooring	White 12-inch by 12-inch floor tiles with parallel black streaks.	None Detected	Non-ACM	1
1-F2.11	Resilient Flooring	Blue 12-inch by 12-inch floor tiles with darker blue splotches.	None Detected	Non-ACM	1
1-F2.12	Resilient Flooring	Green 12-inch by 12-inch floor tiles with darker green and white splotches.	None Detected	Non-ACM	1
1-F2.13	Resilient Flooring	Reddish-orange 12-inch by 12-inch floor tiles with darker red and lighter orange splotches.	None Detected	Non-ACM	1
1-F2.14	Resilient Flooring	Light tan 12-inch by 12-inch floor tiles with darker tan, gray and white splotches.	None Detected	Non-ACM	1
1-F2.15	Resilient Flooring	Yellowish-tan 12-inch by 12-inch floor tiles with red and off-white splotches.	None Detected	Non-ACM	1
1-F2.17	Resilient Flooring	Peach 12-inch by 12-inch floor tiles with "peppered" black specs.	None Detected	Non-ACM	1
1-F4.3	Resilient Flooring	Grayish sheet flooring with peppered gray and black spots.	None Detected	Non-ACM	1
1-F4.4	Resilient Flooring	Cream sheet flooring with small gray and light tan mottles.	None Detected	Non-ACM	1
1-F4.5	Resilient Flooring	Tan hued sheet flooring with peppered red and green specs.	None Detected	Non-ACM	1
1-F4.6	Resilient Flooring	Tan hued sheet flooring with small swirling mottles of differing shades of tan.	None Detected	Non-ACM	1
1-F4.7	Resilient Flooring	Off-white sheet flooring with small swirling mottles of aqua, gray, and pink.	None Detected	Non-ACM	1
1-F4.8	Resilient Flooring	Grayish hued sheet flooring with small mottles of brown, green, and gray.	None Detected	Non-ACM	1
1-F4.9	Resilient Flooring	Brownish sheet flooring with light and dark large swirls.	None Detected	Non-ACM	1
1-F4.10	Resilient Flooring	Off-white sheet flooring with square gray and white mottles.	None Detected	Non-ACM	1

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-F5.1	Resilient Flooring	White and brown rectangular and square patterned ceramic floor tiles with black grout.	None Detected	Non-ACM	1
1-F5.2	Resilient Flooring	Red 6-inch by 6-inch ceramic floor tiles with black grout.	None Detected	Non-ACM	1
1-F5.3	Resilient Flooring	Red 1-inch by 1-inch ceramic floor tiles with black grout.	None Detected	Non-ACM	1
1-F5.4	Resilient Flooring	Off-white 12-inch by 12-inch floor tiles with peppered specs and gray grout.	None Detected	Non-ACM	1
1-F6.1	Miscellaneous	White leveling compound located beneath tan carpet mastic 1-M6.1.	None Detected	Non-ACM	1
1-F8.1	Resilient Flooring	Multiple styles and colors of terrazzo.	None Detected	Non-ACM	1
1-F9.1	Resilient Flooring	Cementous poured flooring and base cove with a variety of colors.	None Detected	Non-ACM	1
1-G1.1	Miscellaneous	Drywall, tape, and mud of "original" construction.	None Detected	Non-ACM	1
1-G1.2	Miscellaneous	Drywall, tape, and mud of "newer/remodeled" construction.	None Detected	Non-ACM	1
1-H1.2	Mastic	Gray HVAC seam sealant.	None Detected	Non-ACM	1
1-H1.3	Mastic	White to cream colored HVAC seam sealant.	None Detected	Non-ACM	1
1-H2.1	Miscellaneous	Black vibration dampeners.	None Detected	Non-ACM	1
1-H2.2	Miscellaneous	White vibration dampeners.	None Detected	Non-ACM	1
1-H3.1	Miscellaneous	Brownish insulation with cellulose appearance, surrounding HVAC ducts.	None Detected	Non-ACM	1
1-H3.2	Miscellaneous	Red sealant for HVAC duct and pipe penetrations.	None Detected	Non-ACM	1

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-M1.1	Mastic	Black floor tile mastic located beneath 1-F1.1.	None Detected	Non-ACM	1
1-M1.2	Mastic	Black floor tile mastic located beneath 1-F1.2.	None Detected	Non-ACM	1
1-M1.6	Mastic	Tan floor tile mastic located beneath 1-F1.6	None Detected	Non-ACM	1
1-M2.2	Mastic	Tan over black floor tile mastics located beneath 1-F2.2.	None Detected	Non-ACM	1
1-M2.3	Mastic	Amber over black floor tile mastics located beneath 1-F2.3.	None Detected	Non-ACM	1
1-M2.5	Mastic	Black floor tile mastic located beneath 1-F2.5.	None Detected	Non-ACM	1
1-M2.6	Mastic	Tan floor tile mastic and leveling compound located beneath 1-F2.6.	None Detected	Non-ACM	1
1-M2.7	Mastic	Tan and amber floor tile mastics and leveling compound located beneath 1-F2.7.	None Detected	Non-ACM	1
1-M2.8	Mastic	Amber and inseperable black floor tile mastics located beneath 1-F2.8.	None Detected	Non-ACM	1
1-M2.9	Mastic	Dark amber floor tile mastic located beneath 1-F2.9.	None Detected	Non-ACM	1
1-M2.10	Mastic	Black floor tile mastic located beneath 1-F2.10.	None Detected	Non-ACM	1
1-M2.11	Mastic	Amber floor tile mastic located beneath 1-F2.11.	None Detected	Non-ACM	1
1-M2.12	Mastic	Amber over historic black floor tile mastics located beneath 1-F2.12.	None Detected	Non-ACM	1
1-M2.13	Mastic	Amber over historic black floor tile mastics located beneath 1-F2.13.	None Detected	Non-ACM	1
1-M2.14	Mastic	Black and amber floor tile mastics located beneath 1-F2.14.	None Detected	Non-ACM	1

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-M2.15	Mastic	Amber, tan, and historic black mastics located beneath 1-F2.15.	None Detected	Non-ACM	1
1-M2.16	Mastic	Amber over historic black floor tile mastics located beneath 1-F2.16.	None Detected	Non-ACM	1
1-M2.17	Mastic	Amber over historic black floor tile mastics located beneath 1-F2.17.	None Detected	Non-ACM	1
1-M4.1	Mastic	Cream mastic located beneath sheet floor 1-F4.1.	None Detected	Non-ACM	1
1-M4.2	Mastic	Gray and tan mastic located beneath sheet floor 1-F4.2.	None Detected	Non-ACM	1
1-M4.3	Mastic	Tan mastic and leveling compound located beneath sheet floor 1-F4.3.	None Detected	Non-ACM	1
1-M4.4	Mastic	Tan mastic and leveling compound located beneath sheet floor 1-F4.4.	None Detected	Non-ACM	1
1-M4.5	Mastic	Tan mastic located beneath sheet floor 1-F4.5.	None Detected	Non-ACM	1
1-M4.6	Mastic	Tan and black mastic located beneath sheet floor 1-F4.6.	None Detected	Non-ACM	1
1-M4.7	Mastic	Tan mastic located beneath sheet floor 1-F4.7.	None Detected	Non-ACM	1
1-M4.9	Mastic	Dark brown mastic located beneath 1-F4.9.	None Detected	Non-ACM	1
1-M4.10	Mastic	Tan mastic located beneath sheet floor 1-F4.10.	None Detected	Non-ACM	1
1-M5.1 to 1-M5.10	Mastic	Various colors of <u>ALL</u> base cove mastics located behind 1-B1.1 through 1-B1.10, respectively.	None Detected	Non-ACM	1
1-M6.1	Mastic	Tan carpet mastic.	None Detected	Non-ACM	1
1-M8.1	Mastic	Tan mastic for wooden wall panels.	None Detected	Non-ACM	1

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-M8.2	Mastic	Tan mastic adhering gypsum wallboard to plaster.	None Detected	Non-ACM	1
1-M9.1	Mastic	Tan mastic located behind 4-inch by 4-inch ceramic wall tiles 1-W2.1.	None Detected	Non-ACM	1
1-M9.2	Mastic	Tan mastic located behind 2-inch by 2-inch ceramic wall tiles 1-W2.2.	None Detected	Non-ACM	1
1-M9.3	Mastic	Dark brown with black residual mastic located beneath tan carpet mastic 1-M6.1.	None Detected	Non-ACM	1
1-M9.6	Mastic	Black mastic located at tops of concrete and brick perimeter walls.	None Detected	Non-ACM	1
1-P1.1	Surfacing	Plaster walls and ceilings with white skim coat.	None Detected	Non-ACM	1
1-S1.1	Miscellaneous	Red and brown bricks with gray mortar.	None Detected	Non-ACM	1
1-S1.2	Resilient Flooring	Red and brown solid brick for floors with gray mortar.	None Detected	Non-ACM	1
1-S2.1	Miscellaneous	Standardized gray concrete masonry unit (CMU) blocks with gray mortar.	None Detected	Non-ACM	1
1-S2.2	Miscellaneous	Medium tan ceramic blocks and mortar for walls.	None Detected	Non-ACM	1
1-S2.3	Miscellaneous	Red 1-foot by 1-foot coregated and flat surfaced ceramic blocks with gray mortar.	None Detected	Non-ACM	1
1-S2.4	Miscellaneous	Light tan ceramic blocks and mortar for walls.	None Detected	Non-ACM	1
1-T2.1	Surfacing	Medium "orange-peel" texturing on walls.	None Detected	Non-ACM	1
1-T2.2	Surfacing	Heavy "orange-peel" texturing on walls.	None Detected	Non-ACM	1
1-W2.1	Miscellaneous	Varying colors of <u>ALL</u> 4-inch by 4-inch ceramic wall tiles with white grout.	None Detected	Non-ACM	1

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
1-W2.2	Miscellaneous	Grayish 2-inch by 2-inch ceramic wall tiles with gray grout.	None Detected	Non-ACM	1
1-X1.1	Miscellaneous	Concrete for floors, walls, ceilings, and exterior sidewalks.	None Detected	Non-ACM	1
1-X3.1	Miscellaneous	Historic white window glazing.	None Detected	Non-ACM	1
1-X7.2	Miscellaneous	Black "popcorn" style undercoating on sinks.	< 0.25% - Chrysotile	Non-ACM	1
1-X7.3	Miscellaneous	White "popcorn" style undercoating on sinks.	None Detected	Non-ACM	1
1-X7.7	Miscellaneous	Gray paint on concrete floors and some walls.	None Detected	Non-ACM	1
1-X7.8	Miscellaneous	White pipe-penetration sealant.	None Detected	Non-ACM	1

**TABLE 3**  
Confirmed and Assumed Asbestos-Containing Materials Summary  
Miles City VA Hospital - Building 8

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>		DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other		Walls		Room Perimeter / Pipe Length (LF)	ACM Coverage (%)	Quantity (SF)	Length (LF)	ACM Coverage (%)	Quantity (LF)
			Area (SF)	ACM Coverage (%)				Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)						
8-F1.1	Resilient Flooring	Gray 9-inch floor tile with dark gray/black mottles & black border tiles.	5% Chrysotile	RACM	Non-Friable	Room 11	3920	25%	980	2650	0%	0	265	0%	0	0	
8-F1.1	Resilient Flooring	Gray 9-inch floor tile with dark gray/black mottles & black border tiles.	5% Chrysotile	RACM	Non-Friable	Room 15	320	100%	320	850	0%	0	85	0%	0	0	
8-F1.1	Resilient Flooring	Gray 9-inch floor tile with dark gray/black mottles & black border tiles.	5% Chrysotile	RACM	Non-Friable	Room 16	425	100%	425	900	0%	0	90	0%	0	0	
8-F1.1	Resilient Flooring	Gray 9-inch floor tile with dark gray/black mottles & black border tiles.	5% Chrysotile	RACM	Non-Friable	Room 20	500	100%	500	1000	0%	0	100	0%	0	0	
8-F1.1	Resilient Flooring	Gray 9-inch floor tile with dark gray/black mottles & black border tiles.	5% Chrysotile	RACM	Non-Friable	Room 6	590	50%	295	1300	0%	0	130	0%	0	0	
8-F1.1	Resilient Flooring	Gray 9-inch floor tile with dark gray/black mottles & black border tiles.	5% Chrysotile	RACM	Non-Friable	Room 32	2050	100%	2050	1900	0%	0	190	0%	0	0	
8-F2.1	Resilient Flooring	Cream 12-inch floor tile with tan mottles.	2% Chrysotile	RACM	Non-Friable	Room 14	305	100%	305	750	0%	0	75	0%	0	0	
8-F1.2	Resilient Flooring	Green 9-inch floor tile.	5% Chrysotile	RACM	Non-Friable	Room 33	410	100%	410	850	0%	0	85	0%	0	0	
8-F1.2	Resilient Flooring	Green 9-inch floor tile.	5% Chrysotile	RACM	Non-Friable	Room 6	590	50%	295	1300	0%	0	130	0%	0	0	

Notes:

General - All measurements (lengths, areas, unit counts, etc.) are approximate.

1 - The percentage of asbestos is reported based on PLM analysis using the EPA Method 600/IR-93/116. Concentrations reported less than one percent (< 1%) have been determined using the 400 Point Count stipulation of the PLM Method.

2 - The Montana Department of Environmental Quality (DEQ) Category description is based on DEQ's definitions for Category I (non-friable), Category II (non-friable), and Regulated Asbestos Containing Material (RACM; friable). For the purpose of this report, the DEQ Category represents the anticipated condition of the material during removal.

3 - Room designations are based on site drawings provided to CTA by the VA. Some rooms were not labeled in VA drawings; unlabeled rooms were given arbitrary designations assigned in the field during the assessment.

**TABLE 4**  
**Summary of Non-ACM**  
**Miles City VA Hospital - Building 8**

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
8-B1.1	Miscellaneous	Black 4-inch vinyl-composed base coves.	None Detected	Non-ACM	8
8-B1.2	Miscellaneous	White/cream 4-inch vinyl-composed base coves.	None Detected	Non-ACM	8
8-C1.1	Miscellaneous	White 2-foot by 2-foot ceiling tiles with fissures, pinholes, and champed edges.	None Detected	Non-ACM	8
8-C2.1	Miscellaneous	White 2-foot by 4-foot ceiling tiles with fissures, pinholes, and champed edges.	None Detected	Non-ACM	8
8-C2.2	Miscellaneous	White 2-foot by 4-foot ceiling tiles with 1-inch, deep and unpainted fissures and pinholes.	None Detected	Non-ACM	8
8-F2.2	Resilient Flooring	Orange/brown 12-inch by 12-inch floor tile with tan and brown mottles.	None Detected	Non-ACM	8
8-F4.1	Resilient Flooring	Cream sheet flooring with gray, brown, and green terrazzo pattern.	None Detected	Non-ACM	8
8-F4.2	Resilient Flooring	Brown sheet flooring with black and gray mottles in a wavy, random pattern.	None Detected	Non-ACM	8
8-F5.1	Miscellaneous	Cream/gray grout for ceramic tile and base cove.	None Detected	Non-ACM	8
8-F5.2	Miscellaneous	Grout for ceramic floor tiles.	None Detected	Non-ACM	8
8-F8.1	Miscellaneous	Green terrazzo for base coves.	None Detected	Non-ACM	8
8-G1.1	Miscellaneous	Drywall, tape, and mud.	None Detected	Non-ACM	8

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
8-8.1	Miscellaneous	Gray undercoating on sinks.	None Detected	Non-ACM	8
8-M1.1	Mastic	Black floor tile mastic located beneath 8-F1.1.	None Detected	Non-ACM	8
8-M1.2	Mastic	Black floor tile mastic located beneath 8-F1.2.	None Detected	Non-ACM	8
8-M2.1	Mastic	Amber floor tile mastic located beneath 8-F2.1.	None Detected	Non-ACM	8
8-M2.2	Mastic	Black floor tile mastic located beneath 8-F2.2.	None Detected	Non-ACM	8
8-M4.1	Mastic	Yellowish-tan sheet floor mastic located beneath 8-F4.1.	None Detected	Non-ACM	8
8-M4.2	Mastic	Black sheet floor mastic located beneath 8-F4.2.	None Detected	Non-ACM	8
8-M5.1	Mastic	Amber base cove mastic located behind 8-B1.1.	None Detected	Non-ACM	8
8-M5.2	Mastic	Tan base cove mastic located behind 8-B1.2.	None Detected	Non-ACM	8
8-M6.1	Mastic	Amber carpet, and carpeted base cove mastic.	None Detected	Non-ACM	8
8-M6.2	Mastic	Amber carpet mastic.	None Detected	Non-ACM	8
8-P1.1	Surfacing	Grayish plaster with white skim coating.	None Detected	Non-ACM	8
8-S1.1	Miscellaneous	Red 2-inch by 8-inch brick with gray mortar.	None Detected	Non-ACM	8
8-S1.2	Miscellaneous	Brown, orange, and tan 5-inch by 12-inch brick with gray mortar.	None Detected	Non-ACM	8
8-S2.1	Miscellaneous	Standardized gray concrete masonry unit (CMU) blocks with gray mortar.	None Detected	Non-ACM	8

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
8-W2.2	Miscellaneous	White cement layer, approximately 2 to 3-inches thick, located above ceiling tiles.	None Detected	Non-ACM	8
8-X1.1	Miscellaneous	Concrete for floors, walls, ceilings, and exterior sidewalks.	None Detected	Non-ACM	8
8-X3.1	Miscellaneous	Gray caulking around exterior windows.	None Detected	Non-ACM	8
8-X7.1	Miscellaneous	Stage curtains in Auditorium; Room 12.	None Detected	Non-ACM	8

**TABLE 5**  
Confirmed and Assumed Asbestos-Containing Materials Summary  
Miles City VA Hospital - Building 20

HA	Material Type	Material Description	Percent & Type of Asbestos <sup>1</sup>		DEQ Category <sup>2</sup>	In-Place NESHAP Condition	Room <sup>3</sup>	Floor / Ceiling / Other		Walls		Room Perimeter / Pipe Length (LF)	ACM Coverage (%)	Quantity (LF)
			Area (SF)	ACM Coverage (%)				Area (SF)	ACM Coverage (%)	Area (SF)	ACM Coverage (%)			
20-F2.1	Resilient Flooring	Off-white 12-inch floor tile with small gray mottles.	4% Chrysotile	RACM	Non-Friable	Room 2	1800	98%	1764	1900	0%	0	190	0%
20-F2.1	Resilient Flooring	Off-white 12-inch floor tile with small gray mottles.	4% Chrysotile	RACM	Non-Friable	Room 4	310	100%	310	700	0%	0	70	0%
20-F2.1	Resilient Flooring	Off-white 12-inch floor tile with small gray mottles.	4% Chrysotile	RACM	Non-Friable	Room 5N	155	100%	155	550	0%	0	55	0%
20-M2.1	Mastic	Black floor tile mastic beneath ACM floor tile (20-F2.1).	2% Chrysotile	RACM	Non-Friable	Room 2	1800	98%	1764	1900	0%	0	190	0%
20-M2.1	Mastic	Black floor tile mastic beneath ACM floor tile (20-F2.1).	2% Chrysotile	RACM	Non-Friable	Room 4	310	100%	310	700	0%	0	70	0%
20-M2.1	Mastic	Black floor tile mastic beneath ACM floor tile (20-F2.1).	2% Chrysotile	RACM	Non-Friable	Room 5N	155	100%	155	550	0%	0	55	0%
20-F2.2	Resilient Flooring	White 12-inch floor tile with dark gray to black mottles.	2% Chrysotile	RACM	Non-Friable	Room 2	1800	2%	36	1900	0%	0	190	0%
20-F2.2	Resilient Flooring	White 12-inch floor tile with dark gray to black mottles.	2% Chrysotile	RACM	Non-Friable	Room 5S	800	100%	800	2150	0%	0	215	0%
20-M2.2	Mastic	Black floor tile mastic beneath ACM floor tile (20-F2.2).	5% Chrysotile	RACM	Non-Friable	Room 2	1800	2%	36	1900	0%	0	190	0%
20-M2.2	Mastic	Black floor tile mastic beneath ACM floor tile (20-F2.2).	5% Chrysotile	RACM	Non-Friable	Room 5S	800	100%	800	2150	0%	0	215	0%
20-F2.3	Resilient Flooring	Green-hue 12-inch floor tile with small dark green streaks.	4% Chrysotile	RACM	Non-Friable	Room 7	260	95%	247	650	0%	0	65	0%
20-M2.3	Mastic	Black floor tile mastic beneath ACM floor tile (20-F2.3).	3% Chrysotile	RACM	Non-Friable	Room 7	260	95%	247	650	0%	0	65	0%
20-M2.4	Mastic	Black and amber floor tile mastic beneath Non-ACM floor tile (20-F2.4).	3% Chrysotile	RACM	Non-Friable	Room 7	260	5%	13	650	0%	0	65	0%
20-F2.5	Resilient Flooring	Reddish 12-inch floor tile with red and brown mottles.	2% Chrysotile	RACM	Non-Friable	Room 9	455	100%	455	1000	0%	0	100	0%
20-X7.1	Sink Undercoating	Black undercoating on sink	3% Chrysotile	RACM	Non-Friable	Room 9	455	1 sink	3	1000	0%	0	100	0%

Notes:

General - All measurements (lengths, areas, unit counts, etc.) are approximate.

1 - The percentage of asbestos is reported based on P/M analysis using the EPA Method 600/R-93/116. Concentrations reported less than one percent (< 1%) have been determined using the 400 Point Count stipulation of the P/M Method.

2 - The Montana Department of Environmental Quality (DEQ) Category description is based on DEQ's definitions for Category I (non-friable), Category II (non-friable), and Regulated Asbestos Containing Material (RACM; friable). For the purpose of this report, the DEQ Category represents the anticipated condition of the material during removal.

3 - Room designations are based on site drawings provided to CTA by the VA. Some rooms were not labeled in VA drawings; unlabeled rooms were given arbitrary designations assigned in the field during the assessment.

**TABLE 6**  
**Summary of Non-ACM**  
**Miles City VA Hospital - Building 20**

HA Number	Type	Description	Percent & Type of Asbestos	DEQ Category	Building
20-B1.1 to 20-B1.4	Miscellaneous	Various colors of <u>ALL</u> 4-inch vinyl-composed base coves.	None Detected	Non-ACM	20
20-C1.1	Miscellaneous	White, 2-foot by 2-foot ceiling tiles with small fissures and pinholes.	None Detected	Non-ACM	20
20-C1.2	Miscellaneous	White, 2-foot by 2-foot ceiling tiles with large fissures, pinholes, and champed edges.	None Detected	Non-ACM	20
20-C2.1	Miscellaneous	White, 2-foot by 4-foot ceiling tiles with large fissures and pinholes.	None Detected	Non-ACM	20
20-F2.4	Resilient Flooring	Three various colors/styles of 12-inch by 12-inch floor tile, used as replacement patch.	None Detected	Non-ACM	20
20-G1.1	Miscellaneous	Gypsum wallboard, tape, and mud.	None Detected	Non-ACM	20
20-M2.5	Mastic	Tan floor tile mastic located beneath 20-F2.5.	None Detected	Non-ACM	20
20-M5.1 to 20-M5.6	Mastic	Various colors of <u>ALL</u> base cove mastics located behind 20-B1.1 through 20-B1.4, respectively.	None Detected	Non-ACM	20
20-M6.1	Mastic	Tan carpet mastic over blackish leveling sheet.	None Detected	Non-ACM	20
20-M9.1	Mastic	Tan mastic located behind 4-inch by 4-inch ceramic wall tiles 20-W2.1.	None Detected	Non-ACM	20
20-P1.1	Surfacing	Light gray plaster with white skim coat.	None Detected	Non-ACM	20
20-S1.1	Miscellaneous	Red brick with mortar.	None Detected	Non-ACM	20

<b>HA Number</b>	<b>Type</b>	<b>Description</b>	<b>Percent &amp; Type of Asbestos</b>	<b>DEQ Category</b>	<b>Building</b>
20-S2.1	Miscellaneous	Standardized gray concrete masonry unit (CMU) blocks with gray mortar.	None Detected	Non-ACM	20
20-W2.1	Miscellaneous	Peach 4-inch by 4-inch ceramic wall tiles with white grout.	None Detected	Non-ACM	20
20-W2.2	Miscellaneous	White cement layer, approximately 2 to 3-inches thick, located above ceiling tiles.	None Detected	Non-ACM	20
20-X1.1	Miscellaneous	Concrete for floors, walls, ceilings, and exterior sidewalks.	None Detected	Non-ACM	20



INDUSTRIAL HYGIENE  
& ENVIRONMENTAL

**APPENDIX D**  
**Laboratory Analytical Results**

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

Report Date: 10/11/2010  
Project Name: Miles City VA  
Hospital - Building #1  
Project #: GFIHENV10059  
SanAir ID#: 10013755



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

[www.sanair.com](http://www.sanair.com)



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

October 11, 2010

SanAir ID # 10013755  
Project Name: Miles City VA Hospital - Building #1  
Project Number: GFIHENV10059

Dear Scott Vosen,

We at SanAir would like to thank you for the work you recently submitted. The 12 sample(s) were received on Tuesday, October 05, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Analysis Pages  
- Disclaimers and Additional Information

sample conditions:  
12 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013755**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/1/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/11/2010 11:19:20 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
1 / 10013755-001 1-H1.1a HVAC Seam Paste	Brown Non-Fibrous Heterogeneous		98% Other	2% Chrysotile
2 / 10013755-002 1-H1.1b HVAC Seam Paste				Not Analyzed
3 / 10013755-003 1-H1.1c HVAC Seam Paste				Not Analyzed
4 / 10013755-004 1-I4.1a Aircell Straight Pipe Insulation	Brown Fibrous Heterogeneous	75% Cellulose	17% Other	8% Chrysotile
5 / 10013755-005 1-I4.1b Aircell Straight Pipe Insulation				Not Analyzed
6 / 10013755-006 1-I4.1c Aircell Straight Pipe Insulation				Not Analyzed
7 / 10013755-007 1-I4.2a Mag Straight Pipe Insulation	White Fibrous Heterogeneous		77% Other	20% Chrysotile 3% Amosite

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/11/2010

Reviewed: *Sandra Sobrin*

Date: 10/11/2010

Page 1 of 2



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013755**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/1/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/11/2010 11:19:20 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
8 / 10013755-008 1-I4.2b Mag Straight Pipe Insulation	% Fibrous	% Non-Fibrous	Not Analyzed
9 / 10013755-009 1-I4.2c Mag Straight Pipe Insulation			Not Analyzed
10 / 10013755-010 1-I3.1a MJFs	White Fibrous Heterogeneous	% Fibrous 62% Other	30% Chrysotile 8% Amosite
11 / 10013755-011 1-I3.1b MJFs			Not Analyzed
12 / 10013755-012 1-I3.1c MJFs			Not Analyzed

## Certification

Signature:

Date: 10/11/2010

Reviewed:

Date: 10/11/2010

Page 2 of 2

### **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139

804.897.1177 / 888.895.1177 / Fax 804.897.0070

[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013755

Company: CTA Const. & Env., LLC	Project #: GFTHENV10059	Phone #: (406) 452-3321
Address: 219 2 <sup>nd</sup> Ave So.	Project Name: Miles City VA Hospital - Building #1	Phone #: 1
City, St., Zip: Great Falls MT 59405	Date Collected: 10-1-10	Fax #:
Samples Collected By: Scott Vosen & Nata Shumate	P.O. Number: CC on file	Email: <a href="mailto:Scott.V@ctagroup.com">Scott.V@ctagroup.com</a>

Fed Ex 7963 0927 1742

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.)
	Positive Stop <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input checked="" type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
1	1-H1.1a	HVAC Seam Paste		Bulk
2	↓ b			
3	↓ c			
4	1-I4.1a	Asbesto Straight Pipe		
5	↓ b	Insulation		
6	↓ c			
7	1-I4.2a	Mug Straight Pipe		
8	↓ b	Insulation		
9	↓ c			
10	1-I3.1a	MJF		
11	↓ b			
12	↓ c			↓

Special Instructions 400 Point Count if >0% and <1%.

Relinquished by	Date	Time	Received by	Date	Time
<i>Scott V</i>	10-4-10	PM	<i>John</i>	OCT 05 2010	940 AM

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

Report Date: 11/5/2010  
Project Name: Miles City VA  
Hospital - Building #1  
Project #: GFIHENV10059  
SanAir ID#: 10015604



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

[www.sanair.com](http://www.sanair.com)



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

November 5, 2010

SanAir ID # 10015604  
Project Name: Miles City VA Hospital - Building #1  
Project Number: GFIHENV10059

Dear Scott Vosen,

We at SanAir would like to thank you for the work you recently submitted. The 125 sample(s) were received on Tuesday, October 26, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Analysis Pages  
- Disclaimers and Additional Information

sample conditions:  
125 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
13 / 10015604-001	White Fibrous Homogeneous	50% Cellulose 30% Other	20% Other	None Detected
14 / 10015604-002	White Fibrous Homogeneous	50% Cellulose 30% Other	20% Other	None Detected
15 / 10015604-003	White Fibrous Homogeneous	50% Cellulose 30% Other	20% Other	None Detected
16 / 10015604-004	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
17 / 10015604-005	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
18 / 10015604-006	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
19 / 10015604-007 Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
19 / 10015604-007 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 1 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
20 / 10015604-008 Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
20 / 10015604-008 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
21 / 10015604-009 Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
21 / 10015604-009 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
22 / 10015604-010	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
23 / 10015604-011				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
24 / 10015604-012				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
25 / 10015604-013				Not Analyzed

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 2 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
26 / 10015604-014				Not Analyzed
27 / 10015604-015				Not Analyzed
28 / 10015604-016				Not Analyzed
29 / 10015604-017	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
30 / 10015604-018	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
31 / 10015604-019	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
32 / 10015604-020 Ceramic Tile	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
32 / 10015604-020 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 3 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
33 / 10015604-021 Ceramic Tile	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
33 / 10015604-021 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
34 / 10015604-022 Ceramic Tile	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
34 / 10015604-022 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
35 / 10015604-023 Sheet Flooring	White Non-Fibrous Homogeneous		80% Other	20% Chrysotile
35 / 10015604-023 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
36 / 10015604-024 Sheet Flooring				Not Analyzed
36 / 10015604-024 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
37 / 10015604-025 Sheet Flooring				Not Analyzed
37 / 10015604-025 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 4 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
38 / 10015604-026 Floor Tile	White Non-Fibrous Homogeneous	100% Other	None Detected
38 / 10015604-026 Mastic	Black Non-Fibrous Homogeneous	97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
39 / 10015604-027 Floor Tile	White Non-Fibrous Homogeneous	100% Other	None Detected
39 / 10015604-027 Mastic			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
40 / 10015604-028 Floor Tile	White Non-Fibrous Homogeneous	100% Other	None Detected
40 / 10015604-028 Mastic			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
41 / 10015604-029 Ceramic Tile	White Non-Fibrous Heterogeneous	100% Other	None Detected
41 / 10015604-029 Grout	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
42 / 10015604-030 Ceramic Tile	White Non-Fibrous Heterogeneous	100% Other	None Detected
42 / 10015604-030 Grout	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 5 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
43 / 10015604-031 Ceramic Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
43 / 10015604-031 Grout	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
44 / 10015604-032 Base Cove	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
44 / 10015604-032 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
45 / 10015604-033 Base Cove	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
45 / 10015604-033 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
46 / 10015604-034 Base Cove	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
46 / 10015604-034 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
47 / 10015604-035 Base Cove	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
47 / 10015604-035 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 6 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
48 / 10015604-036 Base Cove	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
48 / 10015604-036 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
49 / 10015604-037 Base Cove	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
49 / 10015604-037 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
50 / 10015604-038	Black Non-Fibrous Heterogeneous		100% Other	None Detected
51 / 10015604-039	Black Non-Fibrous Heterogeneous		100% Other	None Detected
52 / 10015604-040	Black Non-Fibrous Heterogeneous		100% Other	None Detected
53 / 10015604-041 Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
53 / 10015604-041 Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 7 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
54 / 10015604-042 Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
54 / 10015604-042 Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
55 / 10015604-043 Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
55 / 10015604-043 Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
56 / 10015604-044 Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
56 / 10015604-044 Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
57 / 10015604-045 Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
57 / 10015604-045 Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
58 / 10015604-046 Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
58 / 10015604-046 Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 8 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
59 / 10015604-047 Plaster	Grey Non-Fibrous Heterogeneous	100% Other	None Detected
59 / 10015604-047 Skim Coat	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
60 / 10015604-048 Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose      95% Other	None Detected
60 / 10015604-048 Mud	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
61 / 10015604-049 Plaster	Grey Non-Fibrous Heterogeneous	100% Other	None Detected
61 / 10015604-049 Skimcoat	White Non-Fibrous Heterogeneous	100% Other	None Detected
61 / 10015604-049 Wallboard			Not Submitted
61 / 10015604-049 Mud			Not Submitted

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
62 / 10015604-050 Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose      95% Other	None Detected
62 / 10015604-050 Mud	White Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 9 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
63 / 10015604-051	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
64 / 10015604-052	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
65 / 10015604-053	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
66 / 10015604-054	White Non-Fibrous Heterogeneous		100% Other	None Detected
67 / 10015604-055	White Non-Fibrous Heterogeneous		100% Other	None Detected
68 / 10015604-056	White Non-Fibrous Heterogeneous		100% Other	None Detected
69 / 10015604-057	White Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 10 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
70 / 10015604-058	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
71 / 10015604-059	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
72 / 10015604-060	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
73 / 10015604-061	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
74 / 10015604-062	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
75 / 10015604-063	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
77 / 10015604-064	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 11 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
78 / 10015604-065	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
79 / 10015604-066	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
80 / 10015604-067	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
81 / 10015604-068	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
82 / 10015604-069	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
83 / 10015604-070 Cove Base	Black Non-Fibrous Heterogeneous		100% Other	None Detected
83 / 10015604-070 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 12 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
84 / 10015604-071 Cove Base	Black Non-Fibrous Heterogeneous		100% Other	None Detected
84 / 10015604-071 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
85 / 10015604-072 Cove Base	Black Non-Fibrous Heterogeneous		100% Other	None Detected
85 / 10015604-072 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
86 / 10015604-073 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
86 / 10015604-073 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
87 / 10015604-074 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
87 / 10015604-074 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
88 / 10015604-075 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
88 / 10015604-075 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 13 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
89 / 10015604-076 Floor Tile	White Non-Fibrous Heterogeneous	100% Other	None Detected
89 / 10015604-076 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
90 / 10015604-077 Floor Tile	White Non-Fibrous Heterogeneous	100% Other	None Detected
90 / 10015604-077 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
91 / 10015604-078 Floor Tile	White Non-Fibrous Heterogeneous	100% Other	None Detected
91 / 10015604-078 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
92 / 10015604-079	Beige Fibrous Heterogeneous	55% Cellulose 30% Glass 10% Min. Wool	5% Other

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
93 / 10015604-080	Beige Fibrous Heterogeneous	55% Cellulose 30% Glass 10% Min. Wool	5% Other

## Certification

Signature: Nathaniel Vaughan

Date: 11/5/2010

Reviewed: James Vascio

Date: 11/5/2010

Page 14 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
94 / 10015604-081	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 5% Min. Wool	15% Other	None Detected
95 / 10015604-082	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
96 / 10015604-083	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
97 / 10015604-084	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
98 / 10015604-085	Grey Fibrous Heterogeneous	55% Cellulose 35% Glass 5% Min. Wool	5% Other	None Detected
99 / 10015604-086	Beige Non-Fibrous Heterogeneous		75% Other	25% Chrysotile
100 / 10015604-087				Not Analyzed

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 15 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
101 / 10015604-088			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
102 / 10015604-089 Floor Tile	Cream Non-Fibrous Heterogeneous	96% Other	4% Chrysotile
102 / 10015604-089 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
103 / 10015604-090 Floor Tile			Not Analyzed
103 / 10015604-090 Mastic	Black Non-Fibrous Heterogeneous	96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
104 / 10015604-091 Floor Tile			Not Analyzed
104 / 10015604-091 Mastic			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
105 / 10015604-092 Cove Base	Brown Non-Fibrous Homogeneous	100% Other	None Detected
105 / 10015604-092 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 16 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
106 / 10015604-093 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
106 / 10015604-093 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
107 / 10015604-094 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
107 / 10015604-094 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
108 / 10015604-095 Floor Tile	Beige Non-Fibrous Heterogeneous		96% Other	4% Chrysotile
108 / 10015604-095 Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
109 / 10015604-096 Floor Tile				Not Analyzed
109 / 10015604-096 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
110 / 10015604-097 Floor Tile				Not Analyzed
110 / 10015604-097 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 17 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
111 / 10015604-098 Wall Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
111 / 10015604-098 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
112 / 10015604-099 Wall Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
112 / 10015604-099 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
113 / 10015604-100 Wall Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
113 / 10015604-100 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
114 / 10015604-101 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
114 / 10015604-101 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
115 / 10015604-102 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
115 / 10015604-102 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 18 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
116 / 10015604-103 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
116 / 10015604-103 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
117 / 10015604-104	White Fibrous Homogeneous	95% Min. Wool	5% Other	None Detected
118 / 10015604-105	White Fibrous Homogeneous	95% Min. Wool	5% Other	None Detected
119 / 10015604-106	White Fibrous Homogeneous	95% Min. Wool	5% Other	None Detected
120 / 10015604-107	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
121 / 10015604-108	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 19 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122 / 10015604-109	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
123 / 10015604-110 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
123 / 10015604-110 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
124 / 10015604-111 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
124 / 10015604-111 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
125 / 10015604-112 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
125 / 10015604-112 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
126 / 10015604-113 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
126 / 10015604-113 Mastic	White Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 20 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
127 / 10015604-114 Cove Base	Grey Non-Fibrous Homogeneous	100% Other	None Detected
127 / 10015604-114 Mastic	White Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
128 / 10015604-115 Cove Base	Grey Non-Fibrous Homogeneous	100% Other	None Detected
128 / 10015604-115 Mastic	White Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
129 / 10015604-116 Ceramic Tile	White Non-Fibrous Heterogeneous	100% Other	None Detected
129 / 10015604-116 Grout	Grey Non-Fibrous Heterogeneous	100% Other	None Detected
129 / 10015604-116 Mastic	Cream Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
130 / 10015604-117 Ceramic Tile	Beige Non-Fibrous Heterogeneous	100% Other	None Detected
130 / 10015604-117 Grout	White Non-Fibrous Heterogeneous	100% Other	None Detected
130 / 10015604-117 Mastic	Cream Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 21 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
131 / 10015604-118 Ceramic Tile	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
131 / 10015604-118 Grout	White Non-Fibrous Heterogeneous		100% Other	None Detected
131 / 10015604-118 Mastic	Cream Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
132 / 10015604-119 Floor Tile	Grey Non-Fibrous Homogeneous		94% Other	6% Chrysotile
132 / 10015604-119 Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
133 / 10015604-120 Floor Tile				Not Analyzed
133 / 10015604-120 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
134 / 10015604-121 Floor Tile				Not Analyzed
134 / 10015604-121 Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 22 of 23



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015604**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (1-125 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:10:07 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
135 / 10015604-122 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
135 / 10015604-122 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
136 / 10015604-123 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
136 / 10015604-123 Mastic	Yellow Non-Fibrous Heterogeneous	< 1% Cellulose	100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
137 / 10015604-124 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
137 / 10015604-124 Mastic	Yellow Non-Fibrous Heterogeneous	1% Cellulose	99% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
138 / 10015604-125	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 23 of 23

## **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

Report Date: 11/5/2010  
Project Name: Miles City VA  
Hospital - Building #1  
Project #: GFIHENV10059  
SanAir ID#: 10015605



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

[www.sanair.com](http://www.sanair.com)



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

November 5, 2010

SanAir ID # 10015605  
Project Name: Miles City VA Hospital - Building #1  
Project Number: GFIHENV10059

Dear Scott Vosen,

We at SanAir would like to thank you for the work you recently submitted. The 128 sample(s) were received on Tuesday, October 26, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 183, 184, 185.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

128 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
139 / 10015605-126	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
140 / 10015605-127	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
141 / 10015605-128 Cove Base	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
141 / 10015605-128 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
142 / 10015605-129 Cove Base	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
142 / 10015605-129 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
143 / 10015605-130 Cove Base	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
143 / 10015605-130 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 1 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
144 / 10015605-131 Floor Tile	Red Non-Fibrous Heterogeneous		100% Other	None Detected
144 / 10015605-131 Grout	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
145 / 10015605-132 Floor Tile	Red Non-Fibrous Heterogeneous		100% Other	None Detected
145 / 10015605-132 Grout	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
146 / 10015605-133 Floor Tile	Red Non-Fibrous Heterogeneous		100% Other	None Detected
146 / 10015605-133 Grout	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
147 / 10015605-134	Beige Fibrous Heterogeneous	45% Cellulose 30% Glass 10% Min. Wool	15% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
148 / 10015605-135	White Fibrous Heterogeneous	75% Glass 20% Min. Wool	5% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 2 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
149 / 10015605-136	White Fibrous Heterogeneous	75% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
150 / 10015605-137 Floor Tile	Black Non-Fibrous Heterogeneous		94% Other	6% Chrysotile
150 / 10015605-137 Material Mastic				Insufficient

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
151 / 10015605-138 Floor Tile				Not Analyzed
151 / 10015605-138 Material Mastic				Insufficient

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
152 / 10015605-139 Floor Tile				Not Analyzed
152 / 10015605-139 Material Mastic				Insufficient

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
153 / 10015605-140 Carpet Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
153 / 10015605-140 Leveling Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Reviewed: *James Vacca*

Date: 11/5/2010

Date: 11/5/2010

Page 3 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
154 / 10015605-141 Carpet Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected
154 / 10015605-141 Leveling Compound	White Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
155 / 10015605-142 Carpet Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected
155 / 10015605-142 Leveling Compound	White Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
156 / 10015605-143	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
157 / 10015605-144	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
158 / 10015605-145	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
159 / 10015605-146 Ceramic Block	Red Non-Fibrous Heterogeneous	100% Other	None Detected
159 / 10015605-146 Mortar	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 4 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
160 / 10015605-147 Ceramic Block	Red Non-Fibrous Heterogeneous		100% Other	None Detected
160 / 10015605-147 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
161 / 10015605-148 Ceramic Block	Red Non-Fibrous Heterogeneous		100% Other	None Detected
161 / 10015605-148 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
162 / 10015605-149	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
163 / 10015605-150	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
164 / 10015605-151	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
165 / 10015605-152 Floor Tile	Pink Non-Fibrous Homogeneous		100% Other	None Detected
165 / 10015605-152 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 5 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
166 / 10015605-153 Floor Tile	Pink Non-Fibrous Homogeneous		100% Other	None Detected
166 / 10015605-153 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
167 / 10015605-154 Floor Tile	Pink Non-Fibrous Homogeneous		100% Other	None Detected
167 / 10015605-154 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
168 / 10015605-155	Grey Fibrous Heterogeneous	90%	Synthetic 10% Other	None Detected
169 / 10015605-156	White Non-Fibrous Heterogeneous	20%	Glass 80% Other	None Detected
170 / 10015605-157	Grey Fibrous Heterogeneous	90%	Synthetic 10% Other	None Detected
171 / 10015605-158	Brown Fibrous Heterogeneous	75% 20%	Glass Min. Wool 5% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 6 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
172 / 10015605-159	Brown Fibrous Heterogeneous	75% Glass 20% Min. Wool	5% Other	None Detected
173 / 10015605-160	Brown Fibrous Heterogeneous	75% Glass 20% Min. Wool	5% Other	None Detected
174 / 10015605-161	Red Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
175 / 10015605-162	Red Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
176 / 10015605-163	Red Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
177 / 10015605-164 Sheet Flooring	White Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
177 / 10015605-164 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 7 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
178 / 10015605-165 Sheet Flooring	White Non-Fibrous Heterogeneous	12% Cellulose	88% Other	None Detected
178 / 10015605-165 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
179 / 10015605-166 Sheet Flooring	White Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
179 / 10015605-166 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
180 / 10015605-167	Various Non-Fibrous Homogeneous		100% Other	None Detected
181 / 10015605-168	Various Non-Fibrous Homogeneous		100% Other	None Detected
182 / 10015605-169	Various Non-Fibrous Homogeneous		100% Other	None Detected
183 / 10015605-170	Black Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

## Certification

Signature: Nathaniel Vaughan

Reviewed: James Vascio

Date: 11/5/2010

Date: 11/5/2010

Page 8 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
184 / 10015605-171	Black Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
185 / 10015605-172	Black Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
186 / 10015605-173	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
187 / 10015605-174	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
188 / 10015605-175	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
189 / 10015605-176 Cove Base	Cream Non-Fibrous Homogeneous		100% Other	None Detected
189 / 10015605-176 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 11/5/2010

Reviewed: *James Vascio*

Date: 11/5/2010

Page 9 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
190 / 10015605-177 Cove Base	Cream Non-Fibrous Homogeneous	100% Other	None Detected
190 / 10015605-177 Mastic	Cream Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
191 / 10015605-178 Cove Base	Cream Non-Fibrous Homogeneous	100% Other	None Detected
191 / 10015605-178 Mastic	Cream Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
192 / 10015605-179	Aqua Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
193 / 10015605-180	Aqua Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
194 / 10015605-181	Aqua Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
195 / 10015605-182 Floor Tile	Green Non-Fibrous Homogeneous	100% Other	None Detected
195 / 10015605-182 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 10 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
196 / 10015605-183 Floor Tile	Green Non-Fibrous Homogeneous		100% Other	None Detected
196 / 10015605-183 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
197 / 10015605-184 Floor Tile	Green Non-Fibrous Homogeneous		100% Other	None Detected
197 / 10015605-184 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
198 / 10015605-185 Floor Tile	White Non-Fibrous Heterogeneous		96% Other	4% Chrysotile
198 / 10015605-185 Mastic	Black Non-Fibrous Heterogeneous		96% Other	4% Chrysotile
199 / 10015605-186 Floor Tile				Not Analyzed
199 / 10015605-186 Mastic				Not Analyzed
200 / 10015605-187 Floor Tile				Not Analyzed
200 / 10015605-187 Mastic				Not Analyzed

## Certification

Signature: Nathaniel Vaughan

Date: 11/5/2010

Reviewed: James Vascio

Date: 11/5/2010

Page 11 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
201 / 10015605-188	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
202 / 10015605-189	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
203 / 10015605-190	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
204 / 10015605-191 Brick	Red Non-Fibrous Heterogeneous	100% Other	None Detected
204 / 10015605-191 Mortar	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
205 / 10015605-192 Brick	Red Non-Fibrous Heterogeneous	100% Other	None Detected
205 / 10015605-192 Mortar	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
206 / 10015605-193 Brick	Red Non-Fibrous Heterogeneous	100% Other	None Detected
206 / 10015605-193 Mortar	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 12 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
207 / 10015605-194	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
208 / 10015605-195	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
209 / 10015605-196	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
210 / 10015605-197	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
211 / 10015605-198	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
212 / 10015605-199	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
213 / 10015605-200	Green Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 13 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
214 / 10015605-201	Green Non-Fibrous Heterogeneous		100% Other	None Detected
215 / 10015605-202	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
216 / 10015605-203	Tan Fibrous Heterogeneous	45% Cellulose 35% Glass 15% Min. Wool	5% Other	None Detected
217 / 10015605-204	Tan Fibrous Heterogeneous	45% Cellulose 35% Glass 15% Min. Wool	5% Other	None Detected
218 / 10015605-205	Tan Fibrous Heterogeneous	45% Cellulose 35% Glass 15% Min. Wool	5% Other	None Detected
219 / 10015605-206 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
219 / 10015605-206 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 14 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
220 / 10015605-207 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
220 / 10015605-207 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
221 / 10015605-208 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
221 / 10015605-208 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
222 / 10015605-209	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
223 / 10015605-210	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
224 / 10015605-211	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Other	None Detected
225 / 10015605-212	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 15 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
226 / 10015605-213	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
227 / 10015605-214	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
228 / 10015605-215 Sheet Flooring	White Non-Fibrous Heterogeneous	15% Cellulose 85% Other	None Detected
228 / 10015605-215 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
229 / 10015605-216 Sheet Flooring	White Non-Fibrous Heterogeneous	12% Cellulose 88% Other	None Detected
229 / 10015605-216 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
230 / 10015605-217 Sheet Flooring	White Non-Fibrous Heterogeneous	10% Cellulose 90% Other	None Detected
230 / 10015605-217 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 16 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
231 / 10015605-218 Block	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
231 / 10015605-218 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
232 / 10015605-219 Block	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
232 / 10015605-219 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
233 / 10015605-220 Block	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
233 / 10015605-220 Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
234 / 10015605-221	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 15% Min. Wool	5% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
235 / 10015605-222	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 17 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
236 / 10015605-223	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 15% Min. Wool	5% Other	None Detected
237 / 10015605-224 Floor Tile	Blue Non-Fibrous Heterogeneous		100% Other	None Detected
237 / 10015605-224 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
238 / 10015605-225 Floor Tile	Blue Non-Fibrous Heterogeneous		100% Other	None Detected
238 / 10015605-225 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
239 / 10015605-226 Floor Tile	Blue Non-Fibrous Heterogeneous		100% Other	None Detected
239 / 10015605-226 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
240 / 10015605-227 Ceramic Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
240 / 10015605-227 Grout	Black Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature: Nathaniel Vaughan

Reviewed: James Vascio

Date: 11/5/2010

Date: 11/5/2010

Page 18 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
241 / 10015605-228 Ceramic Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
241 / 10015605-228 Grout	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
242 / 10015605-229 Ceramic Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected
242 / 10015605-229 Grout	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
243 / 10015605-230	Brown Non-Fibrous Heterogeneous		98% Other	2% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
244 / 10015605-231				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
245 / 10015605-232				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
246 / 10015605-233				Not Submitted

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 19 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
247 / 10015605-234			Not Submitted

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
248 / 10015605-235			Not Submitted

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
252 / 10015605-236 Cove Base	Green Non-Fibrous Homogeneous	100% Other	None Detected
252 / 10015605-236 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
253 / 10015605-237 Cove Base	Green Non-Fibrous Homogeneous	100% Other	None Detected
253 / 10015605-237 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
254 / 10015605-238 Cove Base	Green Non-Fibrous Homogeneous	100% Other	None Detected
254 / 10015605-238 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 20 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
255 / 10015605-239 Floor Tile	Green Non-Fibrous Homogeneous		100% Other	None Detected
255 / 10015605-239 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
256 / 10015605-240 Floor Tile	Green Non-Fibrous Homogeneous		100% Other	None Detected
256 / 10015605-240 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
257 / 10015605-241 Floor Tile	Green Non-Fibrous Homogeneous		100% Other	None Detected
257 / 10015605-241 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
258 / 10015605-242 Floor Tile	Orange Non-Fibrous Homogeneous		100% Other	None Detected
258 / 10015605-242 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
259 / 10015605-243 Floor Tile	Orange Non-Fibrous Homogeneous		100% Other	None Detected
259 / 10015605-243 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 21 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
260 / 10015605-244 Floor Tile	Orange Non-Fibrous Homogeneous		100% Other	None Detected
260 / 10015605-244 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
261 / 10015605-245 Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
261 / 10015605-245 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
262 / 10015605-246 Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
262 / 10015605-246 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
263 / 10015605-247 Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
263 / 10015605-247 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
264 / 10015605-248 Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
264 / 10015605-248 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 22 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
265 / 10015605-249 Floor Tile	Tan Non-Fibrous Homogeneous	100% Other	None Detected
265 / 10015605-249 Mastic	Black Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
266 / 10015605-250 Floor Tile	Tan Non-Fibrous Homogeneous	100% Other	None Detected
266 / 10015605-250 Mastic	Black Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 23 of 24



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015605**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (126-250 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 10:02:04 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
183 / 10015605-251	Black Non-Fibrous Heterogeneous	% Fibrous % Non-Fibrous 100% Other	< 0.25% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
184 / 10015605-252	Black Non-Fibrous Heterogeneous	% Fibrous % Non-Fibrous 100% Other	< 0.25% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
185 / 10015605-253	Black Non-Fibrous Heterogeneous	% Fibrous % Non-Fibrous 100% Other	< 0.25% Chrysotile

## Certification

Signature: Nathaniel Vaughan

Date: 11/5/2010

Reviewed: James Vacca

Date: 11/5/2010

Page 24 of 24

### **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

Report Date: 11/5/2010  
Project Name: Miles City VA  
Hospital - Building #1  
Project #: GFIHENV10059  
SanAir ID#: 10015606



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



**804.897.1177**

**www.sanair.com**



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

November 5, 2010

SanAir ID # 10015606  
Project Name: Miles City VA Hospital - Building #1  
Project Number: GFIHENV10059

Dear Scott Vosen,

We at SanAir would like to thank you for the work you recently submitted. The 75 sample(s) were received on Tuesday, October 26, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Analysis Pages  
- Disclaimers and Additional Information

sample conditions:  
75 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
267 / 10015606-251 Floor Tile	Olive Non-Fibrous Heterogeneous		97% Other	3% Chrysotile
267 / 10015606-251 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
268 / 10015606-252 Floor Tile				Not Analyzed
268 / 10015606-252 Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected
269 / 10015606-253 Floor Tile				Not Analyzed
269 / 10015606-253 Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected
270 / 10015606-254	Black Non-Fibrous Heterogeneous		94% Other	6% Chrysotile
271 / 10015606-255				Not Analyzed

## Certification

Signature: Nathaniel Vaughan

Date: 11/5/2010

Reviewed: James Vascio

Date: 11/5/2010

Page 1 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
272 / 10015606-256				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
273 / 10015606-257	Tan Fibrous Heterogeneous	65% Cellulose 20% Glass 10% Min. Wool	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
274 / 10015606-258	Tan Fibrous Heterogeneous	65% Cellulose 20% Glass 10% Min. Wool	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
275 / 10015606-259	Tan Fibrous Heterogeneous	65% Cellulose 20% Glass 10% Min. Wool	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
276 / 10015606-260	Grey Fibrous Homogeneous		30% Other	70% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
277 / 10015606-261				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
278 / 10015606-262				Not Analyzed

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 2 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
279 / 10015606-263 Floor Tile	Green Non-Fibrous Homogeneous		95% Other	5% Chrysotile
279 / 10015606-263 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers

280 / 10015606-264				Not Analyzed
--------------------	--	--	--	--------------

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
281 / 10015606-265				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
282 / 10015606-266 Base Cove	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
282 / 10015606-266 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
283 / 10015606-267 Base Cove	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
283 / 10015606-267 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 3 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
284 / 10015606-268 Base Cove	Beige Non-Fibrous Heterogeneous	100% Other	None Detected
284 / 10015606-268 Mastic	Brown Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
285 / 10015606-269	Grey Non-Fibrous Heterogeneous	98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
286 / 10015606-270			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
287 / 10015606-271			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
288 / 10015606-272 Floor Tile	Peach Non-Fibrous Homogeneous	100% Other	None Detected
288 / 10015606-272 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
289 / 10015606-273 Floor Tile	Peach Non-Fibrous Homogeneous	100% Other	None Detected
289 / 10015606-273 Mastic	Tan Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Reviewed: *James Vascio*

Date: 11/5/2010

Date: 11/5/2010

Page 4 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
290 / 10015606-274 Floor Tile	Peach Non-Fibrous Homogeneous		100% Other	None Detected
290 / 10015606-274 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
291 / 10015606-275 Sheet Flooring	Tan Non-Fibrous Heterogeneous	20%	Cellulose 80% Other	None Detected
291 / 10015606-275 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
292 / 10015606-276 Sheet Flooring	Tan Non-Fibrous Heterogeneous	20%	Cellulose 80% Other	None Detected
292 / 10015606-276 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
293 / 10015606-277 Sheet Flooring	Tan Non-Fibrous Heterogeneous	20%	Cellulose 80% Other	None Detected
293 / 10015606-277 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
294 / 10015606-278 Sheet Flooring	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
294 / 10015606-278 Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 5 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
295 / 10015606-279 Sheet Flooring	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
295 / 10015606-279 Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
296 / 10015606-280 Sheet Flooring	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
296 / 10015606-280 Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
297 / 10015606-281	White Fibrous Heterogeneous	45% 35% 10%	Cellulose Glass Min. Wool	Other
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
298 / 10015606-282	White Fibrous Heterogeneous	45% 35% 10%	Cellulose Glass Min. Wool	Other
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
299 / 10015606-283	White Fibrous Heterogeneous	45% 35% 12%	Cellulose Glass Min. Wool	Other
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
300 / 10015606-284	Black Non-Fibrous Heterogeneous		95% Other	5% Chrysotile

## Certification

Signature: Nathaniel Vaughan

Reviewed: James Vascio

Date: 11/5/2010

Date: 11/5/2010

Page 6 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
301 / 10015606-285			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
302 / 10015606-286			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
303 / 10015606-287	Black Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
304 / 10015606-288	Black Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
305 / 10015606-289	Black Non-Fibrous Heterogeneous	92% Other	8% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
306 / 10015606-290 Sheet Flooring	White Non-Fibrous Heterogeneous	30% Cellulose 70% Other	None Detected
306 / 10015606-290 Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 7 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
307 / 10015606-291 Sheet Flooring	White Non-Fibrous Heterogeneous	25% Cellulose	75% Other	None Detected
307 / 10015606-291 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
308 / 10015606-292 Sheet Flooring	White Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
308 / 10015606-292 Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
309 / 10015606-293 Floor Tile	Red Non-Fibrous Homogeneous		96% Other	4% Chrysotile
309 / 10015606-293 Mastic	Black Non-Fibrous Heterogeneous		95% Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
310 / 10015606-294 Floor Tile				Not Analyzed
310 / 10015606-294 Mastic				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
311 / 10015606-295 Floor Tile				Not Analyzed
311 / 10015606-295 Mastic				Not Analyzed

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 8 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
312 / 10015606-296 Sheet Flooring	Grey Non-Fibrous Heterogeneous	40% Cellulose	60% Other	None Detected
312 / 10015606-296 Mastic	Various Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
313 / 10015606-297 Sheet Flooring	Grey Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
313 / 10015606-297 Mastic				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
314 / 10015606-298 Sheet Flooring	Grey Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
314 / 10015606-298 Mastic				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
315 / 10015606-299 Sheet Flooring	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
315 / 10015606-299 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
316 / 10015606-300 Sheet Flooring	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
316 / 10015606-300 Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 9 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
317 / 10015606-301 Sheet Flooring	Brown Non-Fibrous Heterogeneous	100% Other	None Detected
317 / 10015606-301 Mastic	Brown Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
318 / 10015606-302 Floor Tile	White Non-Fibrous Heterogeneous	96% Other	4% Chrysotile
318 / 10015606-302 Mastic	Black Non-Fibrous Heterogeneous	96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
319 / 10015606-303 Floor Tile			Not Analyzed
319 / 10015606-303 Mastic			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
320 / 10015606-304 Floor Tile			Not Analyzed
320 / 10015606-304 Mastic			Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
321 / 10015606-305	Grey Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 10 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
322 / 10015606-306	Grey Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
323 / 10015606-307	Grey Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
324 / 10015606-308	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
325 / 10015606-309	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
326 / 10015606-310	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
327 / 10015606-311	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
328 / 10015606-312	White Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Reviewed:

Date: 11/5/2010

Date: 11/5/2010

Page 11 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
329 / 10015606-313	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
330 / 10015606-314 Floor Tile	Olive Non-Fibrous Homogeneous		100% Other	None Detected
330 / 10015606-314 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
331 / 10015606-315 Floor Tile	Olive Non-Fibrous Homogeneous		100% Other	None Detected
331 / 10015606-315 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
332 / 10015606-316 Floor Tile	Olive Non-Fibrous Homogeneous		100% Other	None Detected
332 / 10015606-316 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
333 / 10015606-317 Sheet Floor	White Non-Fibrous Homogeneous	20%	Cellulose 80% Other	None Detected
333 / 10015606-317 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 12 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
334 / 10015606-318 Sheet Floor	White Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected
334 / 10015606-318 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
335 / 10015606-319 Sheet Floor	White Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected
335 / 10015606-319 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
336 / 10015606-320	Brown Non-Fibrous Heterogeneous		97% Other	3% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
337 / 10015606-321				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
338 / 10015606-322				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
339 / 10015606-323	White Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 11/5/2010

Reviewed:

Date: 11/5/2010

Page 13 of 14



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10015606**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** (251-325 of 325)  
**Project Name:** Miles City VA Hospital - Building #1

**Collected Date:** 10/19/2010  
**Received Date:** 10/26/2010 10:00:00 AM  
**Report Date:** 11/5/2010 9:59:27 AM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
340 / 10015606-324	White Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
341 / 10015606-325	White Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature: Nathaniel Vaughan

Date: 11/5/2010

Reviewed: James Vascio

Date: 11/5/2010

Page 14 of 14

### **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

**Report Date: 12/6/2010  
Project Name: Miles City VA  
Hospital-Bldg 1  
Project #: GFIHENV10059  
SanAir ID#: 10017218**



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



**804.897.1177**

**www.sanair.com**



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

December 6, 2010

SanAir ID # 10017218  
Project Name: Miles City VA Hospital-Bldg 1  
Project Number: GFIHENV10059

Dear Nate Shumate,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Monday, December 06, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 1-M9.6A, 1-M9.6B, 1-M9.6C.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Analysis Pages  
- Disclaimers and Additional Information

sample conditions:  
3 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10017218**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:** Scott Vosen C. Card (On File)  
**Project Name:** Miles City VA Hospital-Bldg 1

**Collected Date:** 12/3/2010  
**Received Date:** 12/6/2010 9:30:00 AM  
**Report Date:** 12/6/2010 4:11:31 PM  
**Analyst:** Pisula, Nicholas

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
1-M9.6A / 10017218-001 Mastic/Corridor 117	Black Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
1-M9.6B / 10017218-002 Mastic/Rm 279	Black Non-Fibrous Homogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
1-M9.6C / 10017218-003 Mastic/Rm 321	Black Non-Fibrous Homogeneous	100% Other	None Detected

## Certification

Signature:   
 Date: 12/6/2010

Reviewed:   
 Date: 12/6/2010

### **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139

804.897.1177 / 888.895.1177 / Fax 804.897.0070

[www.sanair.com](http://www.sanair.com)

Asbestos  
Chain of Custody

SanAir ID Number

10017218

Company: CTA Construction & Environmental, LLC.	Project #: GFIHENV10059	Phone #: 406.452.3321
Address: 219 2nd Avenue South	Project Name: Miles City VA Hospital - Bldg 1	Phone #:
City, St., Zip: Great Falls, MT 59405	Date Collected: 12/3/10	Fax #: 406.454.1873
Samples Collected By: Nathan Shumate	P.O. Number: Scott Vosen C.Card (on file)	Email: ScottV@ctagroup.com

Asbestos Analysis Types

	Bulk	Air	Soil/Vermiculite		
ABB	PLM EPA 600/R-93/116	<input checked="" type="checkbox"/> ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE	PLM EPA 600/R-93/116 (Qual.)
	Positive Stop	<input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>	Water		
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA
OTHER/ Matrix :		<input type="checkbox"/>			ABDMV TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input checked="" type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
1- M9.6a	Black wall music corridor 117		NA	bulk
b	rm 279		<input type="checkbox"/>	NA
c	rm 321		<input type="checkbox"/>	NA

Special Instructions

Please analyze with 400 Point Count if >0% and <1%.

Relinquished by	Date	Time	Received by	Date	Time
Nathan Shumate	12/3/10	p.m.	MIB	DEC 06 2010	930 AM

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

Report Date: 10/8/2010  
Project Name: Miles City VA  
Hospital - Building #8  
Project #: GFIHENV10059  
SanAir ID#: 10013754



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

[www.sanair.com](http://www.sanair.com)



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

October 8, 2010

SanAir ID # 10013754  
Project Name: Miles City VA Hospital - Building #8  
Project Number: GFIHENV10059

Dear Scott Vosen,

We at SanAir would like to thank you for the work you recently submitted. The 100 sample(s) were received on Tuesday, October 05, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Analysis Pages  
- Disclaimers and Additional Information

sample conditions:  
100 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1 / 10013754-001 8-P1.1a Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
1 / 10013754-001 8-P1.1a Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
2 / 10013754-002 8-P1.1b Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
2 / 10013754-002 8-P1.1b Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
3 / 10013754-003 8-P1.1c Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
3 / 10013754-003 8-P1.1c Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
4 / 10013754-004 8-P1.1d Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
4 / 10013754-004 8-P1.1d Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
5 / 10013754-005 8-P1.1e Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
5 / 10013754-005 8-P1.1e Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 1 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
6 / 10013754-006 8-P1.1f Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
6 / 10013754-006 8-P1.1f Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
7 / 10013754-007 8-P1.1g Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
7 / 10013754-007 8-P1.1g Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100% Other	None Detected
8 / 10013754-008 8-X1.1a Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
9 / 10013754-009 8-X1.1b Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
10 / 10013754-010 8-X1.1c Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
11 / 10013754-011 8-C1.1a Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 2 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
12 / 10013754-012 8-C1.1b Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
13 / 10013754-013 8-C1.1c Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
14 / 10013754-014 8-C2.1a Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
15 / 10013754-015 8-C2.1b Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
16 / 10013754-016 8-C2.1c Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
17 / 10013754-017 8-M6.1a Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
18 / 10013754-018 8-M6.1b Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 3 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
19 / 10013754-019 8-M6.1c Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
20 / 10013754-020 8-F1.1a Floor Tile	Grey Non-Fibrous Heterogeneous		95% Other	5% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
21 / 10013754-021 8-F1.1b Floor Tile				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
22 / 10013754-022 8-F1.1c Floor Tile				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
23 / 10013754-023 8-M1.1a Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
24 / 10013754-024 8-M1.1b Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
25 / 10013754-025 8-M1.1c Mastic	Black Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 4 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
26 / 10013754-026 8-B1.1a Vinyl Cove	Black Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
27 / 10013754-027 8-B1.1b Vinyl Cove	Black Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
28 / 10013754-028 8-B1.1c Vinyl Cove	Black Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
29 / 10013754-029 8-M5.1a Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
30 / 10013754-030 8-M5.1b Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
31 / 10013754-031 8-M5.1c Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
32 / 10013754-032 8-G1.1a Gypsum Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose 95% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 5 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
33 / 10013754-033 8-G1.1b Gypsum Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
34 / 10013754-034 8-G1.1c Gypsum Wallboard, Wallboard	White Non-Fibrous Heterogeneous	6% Cellulose	94% Other	None Detected
34 / 10013754-034 8-G1.1c Gypsum Wallboard, Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
35 / 10013754-035 8-S1.1a Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
35 / 10013754-035 8-S1.1a Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
36 / 10013754-036 8-S1.1b Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
36 / 10013754-036 8-S1.1b Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
37 / 10013754-037 8-S1.1c Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
37 / 10013754-037 8-S1.1c Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 6 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
38 / 10013754-038 8-S1.2a Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
38 / 10013754-038 8-S1.2a Brick & Mortar, Brick	Orange Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
39 / 10013754-039 8-S1.2b Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
39 / 10013754-039 8-S1.2b Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
40 / 10013754-040 8-S1.2c Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
40 / 10013754-040 8-S1.2c Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
41 / 10013754-041 8-S2.1a CMU And Mortar, Mortar	Beige Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
41 / 10013754-041 8-S2.1a CMU And Mortar, Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
42 / 10013754-042 8-S2.1b CMU And Mortar, Mortar	Beige Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
42 / 10013754-042 8-S2.1b CMU And Mortar, Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 7 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
43 / 10013754-043 8-S2.1c CMU And Mortar, Mortar	Beige Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
43 / 10013754-043 8-S2.1c CMU And Mortar, Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
44 / 10013754-044 8-X7.1a Stage Curtains	Tan Fibrous Heterogeneous	95% Synthetic	5% Other	None Detected
45 / 10013754-045 8-X7.1b Stage Curtains	Blue Fibrous Heterogeneous	95% Synthetic	5% Other	None Detected
46 / 10013754-046 8-X7.1c Stage Curtains	Blue Fibrous Heterogeneous	95% Synthetic	5% Other	None Detected
47 / 10013754-047 8-F5.1a Grout	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
48 / 10013754-048 8-F5.1b Grout	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/7/2010

Reviewed: *Sandra Sobrinho*

Date: 10/8/2010

Page 8 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
49 / 10013754-049 8-F5.1c Grout	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
50 / 10013754-050 8-F5.2a Grout	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
51 / 10013754-051 8-F5.2b Grout	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
52 / 10013754-052 8-F5.2c Grout	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
53 / 10013754-053 8-F4.1a Sheet Floor	Grey Non-Fibrous Heterogeneous	40%	Cellulose 60% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
54 / 10013754-054 8-F4.1b Sheet Floor	Grey Non-Fibrous Heterogeneous	40%	Cellulose 60% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
55 / 10013754-055 8-F4.1c Sheet Floor	Grey Non-Fibrous Heterogeneous	40%	Cellulose 60% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 9 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
56 / 10013754-056 8-M4.1a Mastic	Yellow Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
57 / 10013754-057 8-M4.1b Mastic	Yellow Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
58 / 10013754-058 8-M4.1c Mastic	Yellow Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
59 / 10013754-059 8-F2.1a Floor Tile	Beige Non-Fibrous Heterogeneous	% Fibrous 98% Other	2% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
60 / 10013754-060 8-F2.1b Floor Tile			Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
61 / 10013754-061 8-F2.1c Floor Tile			Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
62 / 10013754-062 8-M2.1a Mastic	Yellow Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/7/2010

Reviewed: *Sandra Sobin*

Date: 10/8/2010

Page 10 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
63 / 10013754-063 8-M2.1b Mastic	Yellow Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
64 / 10013754-064 8-M2.1c Mastic	Yellow Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
65 / 10013754-065 8-F2.2a Floor Tile	Tan Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
66 / 10013754-066 8-F2.2b Floor Tile	Tan Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
67 / 10013754-067 8-F2.2c Floor Tile	Tan Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
68 / 10013754-068 8-M2.2a Mastic	Various Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
69 / 10013754-069 8-M2.2b Mastic	Various Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/7/2010

Reviewed: *Sandra Sobin*

Date: 10/8/2010

Page 11 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
70 / 10013754-070 8-M2.2c Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
71 / 10013754-071 8-F8.1a Terrazzo	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
72 / 10013754-072 8-F8.1b Terrazzo	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
73 / 10013754-073 8-F8.1c Terrazzo	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
74 / 10013754-074 8-C2.2a Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
75 / 10013754-075 8-C2.2b Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected
76 / 10013754-076 8-C2.2c Ceiling Tile	Beige Fibrous Heterogeneous	45% Cellulose 35% Glass 10% Min. Wool	10% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/7/2010

Reviewed: *Sandra Sobin*

Date: 10/8/2010

Page 12 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
77 / 10013754-077 8-F4.2a Sheet Floor	Tan Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
78 / 10013754-078 8-F4.2b Sheet Floor	Tan Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
79 / 10013754-079 8-F4.2c Sheet Floor	Tan Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
80 / 10013754-080 8-M4.2a Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
81 / 10013754-081 8-M4.2b Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
82 / 10013754-082 8-M4.2c Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
83 / 10013754-083 8-F1.2a Floor Tile	Green Non-Fibrous Heterogeneous	% Fibrous 95% Other	5% Chrysotile

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 13 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
84 / 10013754-084 8-F1.2b Floor Tile	% Fibrous	% Non-Fibrous	Not Analyzed
85 / 10013754-085 8-F1.2c Floor Tile			Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
86 / 10013754-086 8-M1.2a Mastic	Black Non-Fibrous Heterogeneous	100% Other	None Detected
87 / 10013754-087 8-M1.2b Mastic	Black Non-Fibrous Heterogeneous	100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
88 / 10013754-088 8-M1.2c Mastic, 5	Black Non-Fibrous Heterogeneous	100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
89 / 10013754-089 8-I8.1a Sink Undercoat	Grey Non-Fibrous Heterogeneous	10% Cellulose 90% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
90 / 10013754-090 8-I8.1b Sink Undercoat	Grey Non-Fibrous Heterogeneous	10% Cellulose 90% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/7/2010

Reviewed: *Sandra Sobin*

Date: 10/8/2010

Page 14 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
91 / 10013754-091 8-18.1c Sink Undercoat	Grey Non-Fibrous Heterogeneous	10% Cellulose	90% Other	None Detected
92 / 10013754-092 8-M6.2a Carpet Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
93 / 10013754-093 8-M6.2b Carpet Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
94 / 10013754-094 8-M6.2c Carpet Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
95 / 10013754-095 8-B1.2a Vinyl Base Cove / Mastic, Vinyl Base	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
95 / 10013754-095 8-B1.2a Vinyl Base Cove / Mastic, Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
96 / 10013754-096 8-B1.2b Vinyl Base Cove / Mastic, Vinyl Base	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
96 / 10013754-096 8-B1.2b Vinyl Base Cove / Mastic, Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/7/2010

Reviewed:

Date: 10/8/2010

Page 15 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013754**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:** GFIHENV10059  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #8

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:03:42 PM  
**Analyst:** Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
97 / 10013754-097 8-B1.2c Vinyl Base Cove / Mastic, Vinyl Base	Beige Non-Fibrous Heterogeneous	100% Other	None Detected
97 / 10013754-097 8-B1.2c Vinyl Base Cove / Mastic, Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected
98 / 10013754-098 8-X3.1a Caulking	Grey Non-Fibrous Heterogeneous	100% Other	None Detected
99 / 10013754-099 8-X3.1b Caulking	Grey Non-Fibrous Heterogeneous	100% Other	None Detected
100 / 10013754-100 8-X3.1c Caulking	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature: *Nathaniel Vaughan*

Date: 10/7/2010

Reviewed: *Sandra Sabin*

Date: 10/8/2010

Page 16 of 16

### **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013754

Company: CTA Const. & Env., LLC	Project #: GFIHENVIW59	Phone #: (406) 452-3321
Address: 219 2nd Ave So	Project Name: Miles City VA Hospital - #8 Building	Phone #:
City, St., Zip: Great Falls MT 59405	Date Collected: 9-28-10	Fax #:
Samples Collected By: Scott Vosen & Nate Shumate	P.O. Number: CL on file	Email: <a href="mailto:Scott.Vosen@tagroup.com">Scott.Vosen@tagroup.com</a>

Fed Ex 7963 0927 1742

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.)
	Positive Stop	<input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water			Dust		
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input checked="" type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
1	8-Pl.1g Plaster			Bulk
2	1 b			
3	c			
4	d			
5	e			
6	f			
7	↓ g			
8	8-x1.1g Concrete			
9	↓ b			
10	↓ c			
11	8-C1.1g Ceiling Tile			
12	↓ b			

Special Instructions 400 Point Count if >0% and <1%. (All Pages)

Relinquished by	Date	Time	Received by	Date	Time
<i>Scott Vosen</i>	10-4-10	0m	<i>JDP</i>	OCT 05 2010	940am

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.  
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10613754

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite		
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/>	
	Positive Stop	<input type="checkbox"/>	ABA-2	OSHA w/TWA*	<input type="checkbox"/>	
ABEPA	PLM EPA 400 Point Count	<input checked="" type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/>	
ABB1K	PLM EPA 1000 Point Count	<input checked="" type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/>	
ABBEN	PLM EPA NOB	<input checked="" type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>	
ABBCH	TEM Chatfield	<input checked="" type="checkbox"/>				
ABBTM	TEM EPA NOB	<input type="checkbox"/>	Water		Dust	
ABBNY	TEM NY ELAP J98.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/>	
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/>	
			ABWA	TEM Wipe ASTM D-6480	<input type="checkbox"/>	
			ABDMV	TEM Microvac ASTM D-5755	<input type="checkbox"/>	

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
13	8-C1.1 c			Bulk
14	8-C2.1 a Ceiling Tile			
15	↓ b			
16	↓ c			
17	8-M6.1 a Mastic			
18	↓ b			
19	↓ c			
20	8-F1.1 /M1.1 a Floor tile /Mastic			
21	↓ b			
22	↓ c			
23	8-Q1.1/m5.1 a Vinyl Core /Mastic			
24	b			↓

### Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			AP	OCT 05 2010	940CA

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013754

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.)
	Positive Stop	<input type="checkbox"/>	ABA-A	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input checked="" type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input checked="" type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water		Dust			
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/> ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480	<input type="checkbox"/>
OTHER/ Matrix :		<input type="checkbox"/>		<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755	<input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate* Start – Stop
25	8-B1.1/m5.1 c		Bulk	
26	8-G1.1 a Gypsum Wallboard			
27	↓ b			
28	↓ c			
29	8-S1.1 a Red Brick + gray mortar			
30	↓ b			
31	↓ c			
32	8-S1.2 a Brown/Orange/tan Brick +			
33	↓ b gray mortar			
34	↓ c			
35	8-S2.1 a CMU and mortar			
36	↓ b			

Special Instructions
----------------------

Relinquished by	Date	Time	Received by	Date	Time
			AP	OCT 05 2010	9400A

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

**SanAir Technologies Laboratory, Inc.**

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

**Asbestos  
Chain of Custody**

SanAir ID Number

10013754

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

**Asbestos Analysis Types**

<b>Bulk</b>		<b>Air</b>		<b>Soil/Vermiculite</b>	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/> ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE	PLM EPA 600/R-93/116 (Qual.)
	Positive Stop <input type="checkbox"/>	<input type="checkbox"/> ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP	PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/> ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1	PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/> ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2	PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input type="checkbox"/> ABT2	TEM Level II	<input type="checkbox"/>	
ABBCH	TEM Chatfield	<input checked="" type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
		<b>Water</b>		<b>Dust</b>	
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/> ABHE	EPA 100.2	<input type="checkbox"/> ABWA	TEM Wipe ASTM D-6480
OTHER/ Matrix :		<input type="checkbox"/>		<input type="checkbox"/> ABDMV	TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
37	8-S2.1C			Bulk
38	8-X7.1 a Stage curtains			
39	↓ b			
40	↓ c			
41	8-F5.1 a Grout			
42	↓ b			
43	↓ c			
44	8-F5.2 a Grout			
45	↓ b			
46	↓ c			
47	8-F4.1/M4.1 a Sheet Floor / Mason			
48	↓ b			

Special Instructions	
----------------------	--

Relinquished by	Date	Time	Received by	Date	Time
			CAP	OCT 05 2011	0400A

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
 804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013754

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop	<input type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB	<input checked="" type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water					
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480 <input type="checkbox"/>
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755 <input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate* Start - Stop
49	8-F4.1/M4.1/c		Bulk	
50	8-F2.1/M2.1 a Floor tile / Mastic			
51	↓ b			
52	↓ c			
53	8-F2.2/M2.2 a Floor tile / Mastic			
54	↓ b			
55	↓ c			
56	8-F8.1 a Terrazzo			
57	↓ b			
58	↓ c			
59	8-C2.2 a Ceiling tile			
60	↓ b			✓

Special Instructions	
----------------------	--

Relinquished by	Date	Time	Received by	Date	Time
			✓	OCT 05 2010	940 AM

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013754

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop	<input type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count	<input checked="" type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB	<input checked="" type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input checked="" type="checkbox"/>			
ABBTM	TEM EPA NOB	<input checked="" type="checkbox"/>			
Water					
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/> ABHE	EPA 100.2	<input type="checkbox"/> ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
OTHER/ Matrix :				<input type="checkbox"/> ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate* Start – Stop
61	8-C2.2c		Bulk	
62	8- F4.2/m4.2a Sheet Floor / Mastic			
63	↓ b			
64	↓ c			
65	8- F1.2/m1.2 a Floor tile / Mastic			
66	↓ b			
67	↓ c			
68	8- I8.1 a Sink Undercoat			
69	↓ b			
70	↓ c			
71	8- m6.2a Carpet Mastic			
72	↓ b			

Special Instructions	
----------------------	--

Relinquished by	Date	Time	Received by	Date	Time
			<i>JSP</i>	OCT 05 2010	9:40 AM

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.  
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.  
Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

Asbestos  
Chain of Custody

SanAir ID Number

10013754

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.)
	Positive Stop	<input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input checked="" type="checkbox"/>	ABA <del>TEM</del>	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input checked="" type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water					
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate* Time* Start – Stop
73	8-M6.2 c		Bulk	
74	8-B1.2 a Vinyl base core / Mastic			
75	↓ b			
76	↓ c			
77	8-X3.1 a Caulking			
78	↓ b			
79	↓ c			↓
END				

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			<i>CHP</i>		
				<i>OCT 05 2010</i>	<i>9:10 AM</i>

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory

## Analysis Report

prepared for

**CTA Construction &  
Environmental, LLC**

Report Date: 10/8/2010  
Project Name: Miles City VA  
Hospital - Building #20  
SanAir ID#: 10013751



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



**804.897.1177**

**www.sanair.com**



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

CTA Construction & Environmental, LLC  
219 2nd Ave South  
Great Falls, MT 59405

October 8, 2010

SanAir ID # 10013751  
Project Name: Miles City VA Hospital - Building #20  
Project Number:

Dear Scott Vosen,

We at SanAir would like to thank you for the work you recently submitted. The 99 sample(s) were received on Tuesday, October 05, 2010 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Analysis Pages  
- Disclaimers and Additional Information

sample conditions:  
99 sample(s) in Good condition



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
1 / 10013751-001 20-F2.1a Floor Tile	White Non-Fibrous Homogeneous		96% Other	4% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
2 / 10013751-002 20-F2.1b Floor Tile				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
3 / 10013751-003 20-F2.1c Floor Tile				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
4 / 10013751-004 20-M2.1a Mastic	Black Non-Fibrous Heterogeneous		98% Other	2% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
5 / 10013751-005 20-M2.1b Mastic				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
6 / 10013751-006 20-M2.1c Mastic				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
7 / 10013751-007 20-F2.2a Floor Tile	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 1 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
8 / 10013751-008 20-F2.2b Floor Tile		% Fibrous % Non-Fibrous	Not Analyzed
9 / 10013751-009 20-F2.2c Floor Tile			Not Analyzed
10 / 10013751-010 20-M2.2a Mastic	Black Non-Fibrous Heterogeneous	% Fibrous % Non-Fibrous	95% Other 5% Chrysotile
11 / 10013751-011 20-M2.2b Mastic			Not Analyzed
12 / 10013751-012 20-M2.2c Mastic			Not Analyzed
13 / 10013751-013 20-F2.3a Floor Tile	Olive Non-Fibrous Heterogeneous	% Fibrous % Non-Fibrous	96% Other 4% Chrysotile
14 / 10013751-014 20-F2.3b Floor Tile			Not Analyzed

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 2 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
15 / 10013751-015 20-F2.3c Floor Tile				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
16 / 10013751-016 20-M2.3a Mastic	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
17 / 10013751-017 20-M2.3b Mastic				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
18 / 10013751-018 20-M2.3c Mastic				Not Analyzed
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
19 / 10013751-019 20-F2.4a Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
20 / 10013751-020 20-F2.4b Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
21 / 10013751-021 20-F2.4c Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 3 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
22 / 10013751-022 20-M2.4a Mastic, Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
22 / 10013751-022 20-M2.4a Mastic, Mastic	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile
23 / 10013751-023 20-M2.4b Mastic, Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
24 / 10013751-024 20-M2.4c Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
25 / 10013751-025 20-F2.5a Floor Tile	Various Non-Fibrous Homogeneous		98% Other	2% Chrysotile
26 / 10013751-026 20-F2.5b Floor Tile				Not Analyzed
27 / 10013751-027 20-F2.5c Floor Tile				Not Analyzed

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 4 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
28 / 10013751-028 20-M2.5a Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
29 / 10013751-029 20-M2.5b Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
30 / 10013751-030 20-M2.5c Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
31 / 10013751-031 20-B1.1a Vinyl Base Cove	Grey Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
32 / 10013751-032 20-B1.1b Vinyl Base Cove	Grey Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
33 / 10013751-033 20-B1.1c Vinyl Base Cove	Grey Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
34 / 10013751-034 20-M5.1a Mastic	Cream Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 5 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
35 / 10013751-035 20-M5.1b Mastic	Cream Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
36 / 10013751-036 20-M5.1c Mastic	Cream Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
37 / 10013751-037 20-B1.2a Vinyl Base Cove	Black Non-Fibrous Homogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
38 / 10013751-038 20-B1.2b Vinyl Base Cove	Black Non-Fibrous Homogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
39 / 10013751-039 20-B1.2c Vinyl Base Cove	Black Non-Fibrous Homogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
40 / 10013751-040 20-M5.2a Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
41 / 10013751-041 20-M5.2b Mastic	Brown Non-Fibrous Heterogeneous	% Fibrous 100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 6 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
42 / 10013751-042 20-M5.2c Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
43 / 10013751-043 20-B1.3a Vinyl Base Cove	Beige Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
44 / 10013751-044 20-B1.3b Vinyl Base Cove	Beige Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
45 / 10013751-045 20-B1.3c Vinyl Base Cove	Beige Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
46 / 10013751-046 20-M5.3a Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
47 / 10013751-047 20-M5.3b Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
48 / 10013751-048 20-M5.3c Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 7 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
49 / 10013751-049 20-B1.4a Vinyl Base Cove	White Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
50 / 10013751-050 20-B1.4b Vinyl Base Cove	White Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
51 / 10013751-051 20-B1.4c Vinyl Base Cove	White Non-Fibrous Homogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
52 / 10013751-052 20-M5.4a Mastic	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
53 / 10013751-053 20-M5.4b Mastic	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
54 / 10013751-054 20-M5.4c Mastic	White Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
55 / 10013751-055 20-M5.5a Mastic	Brown Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 8 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
56 / 10013751-056 20-M5.5b Mastic	Brown Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
57 / 10013751-057 20-M5.5c Mastic	Brown Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
58 / 10013751-058 20-G1.1a Gypsum Wallboard, Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose 1% Glass	94% Other
58 / 10013751-058 20-G1.1a Gypsum Wallboard, Mud	White Non-Fibrous Heterogeneous		100% Other

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
59 / 10013751-059 20-G1.1b Gypsum Wallboard, Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose 1% Glass	94% Other
59 / 10013751-059 20-G1.1b Gypsum Wallboard, Mud	White Non-Fibrous Heterogeneous		100% Other

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous % Non-Fibrous	
60 / 10013751-060 20-G1.1c Gypsum Wallboard, Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose 1% Glass	94% Other
60 / 10013751-060 20-G1.1c Gypsum Wallboard, Mud	White Non-Fibrous Heterogeneous		100% Other

## Certification

Signature: 

Date: 10/8/2010

Reviewed: 

Date: 10/8/2010

Page 9 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	% Non-Fibrous	Asbestos Fibers
61 / 10013751-061 20-C1.1a Ceiling Tile	Grey Fibrous Heterogeneous	45% Glass 40% Cellulose	15% Other	None Detected
62 / 10013751-062 20-C1.1b Ceiling Tile	Grey Fibrous Heterogeneous	45% Glass 40% Cellulose	15% Other	None Detected
63 / 10013751-063 20-C1.1c Ceiling Tile	Grey Fibrous Heterogeneous	45% Glass 40% Cellulose	15% Other	None Detected
64 / 10013751-064 20-C2.1a Ceiling Tile	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass 5% Min. Wool	15% Other	None Detected
65 / 10013751-065 20-C2.1b Ceiling Tile	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass 5% Min. Wool	15% Other	None Detected
66 / 10013751-066 20-C2.1c Ceiling Tile	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass 5% Min. Wool	15% Other	None Detected
67 / 10013751-067 20-W2.1a Ceramic Tile & Grout, Ceramic Tile	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
67 / 10013751-067 20-W2.1a Ceramic Tile & Grout, Grout	White Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 10 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
68 / 10013751-068 20-W2.1b Ceramic Tile & Grout, Ceramic Tile	Beige Non-Fibrous Heterogeneous	100% Other	None Detected
68 / 10013751-068 20-W2.1b Ceramic Tile & Grout, Grout	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
69 / 10013751-069 20-W2.1c Ceramic Tile & Grout, Ceramic Tile	Beige Non-Fibrous Heterogeneous	100% Other	None Detected
69 / 10013751-069 20-W2.1c Ceramic Tile & Grout, Grout	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
70 / 10013751-070 20-M9.1a Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
71 / 10013751-071 20-M9.1b Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
72 / 10013751-072 20-M9.1c Mastic	Yellow Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
73 / 10013751-073 20-S1.1a Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous	100% Other	None Detected
73 / 10013751-073 20-S1.1a Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 11 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
74 / 10013751-074 20-S1.1b Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
74 / 10013751-074 20-S1.1b Brick & Mortar, Mortar	Various Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
75 / 10013751-075 20-S1.1c Brick & Mortar, Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
75 / 10013751-075 20-S1.1c Brick & Mortar, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
76 / 10013751-076 20-X1.1a Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
77 / 10013751-077 20-X1.1b Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
78 / 10013751-078 20-X1.1c Concrete	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
79 / 10013751-079 20-X7.1a Sink Undercoating	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 12 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
80 / 10013751-080 20-X7.1b Sink Undercoating	% Fibrous	% Non-Fibrous	Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
81 / 10013751-081 20-X7.1c Sink Undercoating	% Fibrous	% Non-Fibrous	Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
82 / 10013751-082 20-M5.6a Mastic	Beige Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
83 / 10013751-083 20-M5.6b Mastic	Beige Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
84 / 10013751-084 20-M5.6c Mastic	Beige Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers	
85 / 10013751-085 20-C1.2a Ceiling Tile	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass 5% Min. Wool	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers	
86 / 10013751-086 20-C1.2b Ceiling Tile	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass 5% Min. Wool	15% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 13 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
87 / 10013751-087 20-C1.2c Ceiling Tile	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass 5% Min. Wool	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
88 / 10013751-088 20-M6.1a Mastic, Mastic	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
88 / 10013751-088 20-M6.1a Mastic, Leveling Sheet	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
89 / 10013751-089 20-M6.1b Mastic, Mastic	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
89 / 10013751-089 20-M6.1b Mastic, Leveling Sheet	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
90 / 10013751-090 20-M6.1c Mastic, Mastic	Tan Non-Fibrous Heterogeneous		100% Other	None Detected
90 / 10013751-090 20-M6.1c Mastic, Leveling Sheet	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
91 / 10013751-091 20-S2.1a CMU & Mortar, CMU Block	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
91 / 10013751-091 20-S2.1a CMU & Mortar, Mortar	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

## Certification

Signature: 

Date: 10/8/2010

Reviewed: 

Date: 10/8/2010

Page 14 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	% Non-Fibrous	Asbestos Fibers
92 / 10013751-092 20-P1.1a Plaster, Grey Coat	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
92 / 10013751-092 20-P1.1a Plaster, White Coat	White Non-Fibrous Heterogeneous		100% Other		None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	% Non-Fibrous	Asbestos Fibers
93 / 10013751-093 20-P1.1b Plaster, Grey Coat	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
93 / 10013751-093 20-P1.1b Plaster, White Coat	White Non-Fibrous Heterogeneous		100% Other		None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	% Non-Fibrous	Asbestos Fibers
94 / 10013751-094 20-P1.1c Plaster, Grey Coat	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
94 / 10013751-094 20-P1.1c Plaster, White Coat	White Non-Fibrous Heterogeneous		100% Other		None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	% Non-Fibrous	Asbestos Fibers
95 / 10013751-095 20-P1.1d Plaster, Grey Coat	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
95 / 10013751-095 20-P1.1d Plaster, White Coat	White Non-Fibrous Heterogeneous		100% Other		None Detected
SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	% Non-Fibrous	Asbestos Fibers
96 / 10013751-096 20-P1.1e Plaster, Grey Coat	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
96 / 10013751-096 20-P1.1e Plaster, White Coat	White Non-Fibrous Heterogeneous		100% Other		None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 15 of 16



# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139  
 804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070  
 Web: <http://www.sanair.com> E-mail: [iaq@sanair.com](mailto:iaq@sanair.com)

SanAir ID Number

**10013751**

FINAL REPORT

**Name:** CTA Construction & Environmental, LLC  
**Address:** 219 2nd Ave South  
 Great Falls, MT 59405

**Project Number:**  
**P.O. Number:**  
**Project Name:** Miles City VA Hospital - Building #20

**Collected Date:** 9/28/2010  
**Received Date:** 10/5/2010 9:40:00 AM  
**Report Date:** 10/8/2010 2:42:55 PM  
**Analyst:** Vescio, Shannon

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
97 / 10013751-097 20-W2.2a Crack Sealer	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
98 / 10013751-098 20-W2.2b Crack Sealer	White Non-Fibrous Heterogeneous	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components	Asbestos Fibers
		% Fibrous      % Non-Fibrous	
99 / 10013751-099 20-W2.2c Crack Sealer	White Non-Fibrous Heterogeneous	100% Other	None Detected

## Certification

Signature:

Date: 10/8/2010

Reviewed:

Date: 10/8/2010

Page 16 of 16

### **Disclaimer**

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

**SanAir Technologies Laboratory, Inc.**

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

**Asbestos  
Chain of Custody**

SanAir ID Number

10013751

Company: <i>CTA Const. &amp; Env., LLC</i>	Project #:	Phone #: (406) 452-3321
Address: <i>219 2nd Ave So.</i>	Project Name: <i>Miles City VA Hospital - Building #20</i>	Phone #:
City, St., Zip: <i>Great Falls MT 59405</i>	Date Collected: <i>9-27-10 &amp; 9-28-10</i>	Fax #:
Samples Collected By: <i>Scott Uosen &amp; Nate Shumake</i>	P.O. Number: <i>CC on file</i>	Email: <i>ScottU@ctagroup.com</i>

Fed Ex 7963 0927 1742

**Asbestos Analysis Types**

<b>Bulk</b>		<b>Air</b>		<b>Soil/Vermiculite</b>	
ABB	PLM EPA 600/R-93/116	<input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.)
	Positive Stop	<input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>	<b>Water</b>		<b>Dust</b>
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input checked="" type="checkbox"/>
Sample #	<b>Sample Identification/Location</b>		Volume or Area	Sample Type
1	<i>20-F2.1/m2.1 g</i>		<i>Floor Tile</i>	
2	<i>b</i>		<i>masking</i>	
3	<i>c</i>			
4	<i>20-F2.2/m2.2 g</i>		<i>Floor tile / Masking</i>	
5	<i>b</i>			
6	<i>c</i>			
7	<i>20-F2.3/m2.3 g</i>		<i>Floor tile / Masking</i>	
8	<i>b</i>			
9	<i>c</i>			
10	<i>20-F2.4/m2.4 g</i>		<i>Floor tile / Masking</i>	
11	<i>b</i>			
12	<i>c</i>			

**Special Instructions** *400 Point Count if >0% and <10%. (All Sheets)*

Relinquished by	Date	Time	Received by	Date	Time
<i>Scott Uosen</i>	<i>10-4-10</i>	<i>PM</i>	<i>dp</i>	<i>OCT 05 2010</i>	<i>940 AM</i>

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013751

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.)
	Positive Stop <input type="checkbox"/>	<input type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%)
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%)
ABB1K	PLM EPA 1000 Point Count	<input checked="" type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%)
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water					
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480
OTHER/ Matrix :		<input type="checkbox"/>		<input type="checkbox"/> ABDMV	TEM Microvac ASTM D-5755

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
13	20-F2.5/M2.5 g Floor tile /Mastic			Bulk
14	<input type="checkbox"/> b			
15	<input type="checkbox"/> c			
16	20-B1.1/M5.1 g Vinyl base core /Mastic			
17	<input type="checkbox"/> b			
18	<input type="checkbox"/> c			
19	20-B1.2/M5.2 g Vinyl base core /Mastic			
20	<input type="checkbox"/> b			
21	<input type="checkbox"/> c			
22	20-B1.3/M5.3 g Vinyl base core /Mastic			
23	<input type="checkbox"/> b			
24	<input type="checkbox"/> c			<input checked="" type="checkbox"/>

### Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			<i>CMP</i>	07/05/2010	
					<i>94021</i>

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013751

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	<input type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2 <input type="checkbox"/>	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480 <input type="checkbox"/>
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755 <input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
25	20 - Bl.4/m5.4 a vinyl base w/e/mastic			Bulk
26	<input type="checkbox"/> b			
27	<input type="checkbox"/> c			
28	20 - m5.5 a Mastic			
29	<input type="checkbox"/> b			
30	<input type="checkbox"/> c			
31	20 - G1.1 a Gypsum wallboard			
32	<input type="checkbox"/> b			
33	<input type="checkbox"/> c			
34	20 - C1.1 a Ceiling T/k			
35	<input type="checkbox"/> b			
36	<input type="checkbox"/> c			<input type="checkbox"/>

### Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			JAP	OCT 05 2010	940A

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

1D013751

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop	<input type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATC	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water					
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480 <input type="checkbox"/>
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755 <input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate* Start – Stop
37	20-C2.1a Ceiling tile		Bulk	
38	↓ b			
39	↓ c			
40	20-W2.1/M9.1a ceramic tile & grout			
41	↓ b mastic			
42	↓ c			
43	20-S1.1a Brick & mortar			
44	↓ b			
45	↓ c			
46	20-X1.1a Concrete			
47	↓ b			
48	↓ c			

Special Instructions	
----------------------	--

Relinquished by	Date	Time	Received by	Date	Time
			<i>OKP</i>	OCT 05 2010	<i>OKCA</i>

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139  
804.897.1177 / 888.895.1177 / Fax 804.897.0070  
[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013751

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	<input type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	TEM AMERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATM	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB	<input type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480 <input type="checkbox"/>
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755 <input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location		Volume or Area	Sample Type
49	20-X7.1 a Sink undercoating		Bulk	
SD	<input type="checkbox"/> b			
51	<input type="checkbox"/> c			
52	20-m5.6 a Mastic			
53	<input type="checkbox"/> b			
54	<input type="checkbox"/> c			
55	20-C1.2 a Ceiling tile			
56	<input type="checkbox"/> b			
57	<input type="checkbox"/> c			
58	20-M6.1 a Mastic			
59	<input type="checkbox"/> b			<input type="checkbox"/>
60	<input type="checkbox"/> c			

### Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			SCDP	OCT 05 2010	0400A

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

# SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139

804.897.1177 / 888.895.1177 / Fax 804.897.0070

[www.sanair.com](http://www.sanair.com)

## Asbestos Chain of Custody

SanAir ID Number

10013751

Company:	Project #:	Phone #:
Address:	Project Name:	Phone #:
City, St., Zip:	Date Collected:	Fax #:
Samples Collected By:	P.O. Number:	Email:

### Asbestos Analysis Types

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	<input type="checkbox"/>	ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	<input type="checkbox"/>	ABA-2	OSHA w/ TWA*	<input type="checkbox"/> ABSP PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count	<input checked="" type="checkbox"/>	ABTEM	TEM AHERA	<input type="checkbox"/> ABSP1 PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count	<input checked="" type="checkbox"/>	ABATN	TEM NIOSH 7402	<input type="checkbox"/> ABSP2 PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB	<input checked="" type="checkbox"/>	ABT2	TEM Level II	<input type="checkbox"/>
ABBCH	TEM Chatfield	<input type="checkbox"/>			
ABBTM	TEM EPA NOB	<input type="checkbox"/>			
Water					
ABBNY	TEM NY ELAP 198.4	<input type="checkbox"/>	ABHE	EPA 100.2	<input type="checkbox"/> ABWA TEM Wipe ASTM D-6480 <input type="checkbox"/>
OTHER/ Matrix :		<input type="checkbox"/>			<input type="checkbox"/> ABDMV TEM Microvac ASTM D-5755 <input type="checkbox"/>

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate* Time* Start – Stop
61	20-S2.1a CMU & mortar		Bulk	
62	20-P1.1g Plaster			
63	b			
64	c			
65	d			
66	e			
67	20-W2.2a Crack sealer			
68	b			
69	c			
END	—			

### Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			<i>AP</i>	OCT 05 2010	<i>940a</i>

Unless scheduled, the turn around time for all samples received after 5 pm Friday will begin at 8 am Monday morning.

Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.

Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.